STR-DA777ES/V777ES

SERVICE MANUAL

US Model
Canadian Model
E Model
Australian Model
PX Model
STR-DA777ES
Chinese Model
STR-V777ES

Photo : STR-DA777ES

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SPECIFICATIONS

AUDIO POWER SPECIFICATIONS

POWER OUTPUT AND TOTAL HARMONIC DISTORTION:
With 8 Ω loads, both channels driven, from 20 - 20,000 Hz; rated 120 watts per channel minimum RMS power, with no more than 0.05% total harmonic distortion from 250 milliwatts to rated output.
(US model only)

Audio section

POWER OUTPUT
Stereo mode 8 Ω
120 W + 120 W
4 Ω
100 W + 100 W
(THD 0.05%,
20 Hz - 20 kHz)*
(DIN 1 kHz)

Surround mode
8 Ω
Front: 120W + 120W
Center[a]: 120W
Rear[a]:
120W + 120W
4 Ω
Front: 100W + 100W
Center[a]: 100W
Rear[a]:
100W + 100W
(THD 0.05%,
20 Hz - 20 kHz)*
(DIN 1 kHz)

* *US/Canadian models only .*

a) Depending on the sound field settings and the source, there may be no sound output.

Frequency response
PHONO:
20 Hz ~ 20 kHz
RIAA ±0.5 dB
LINE (TUNER, CD, MD / DAT, TAPE, TV / SAT or TV / LD, DVD / LD or DVD, VIDEO 1, 2, and VIDEO 3):
10 Hz ~ 100 kHz
+0.5 / –2.0 dB
(ANALOG DIRECT)

Signal-to-noise ratio
DIGITAL: 100 dB
(A, 20 kHz LPF)
PHONO: 86 dB**
(A, 5 mV)
LINE: 100 dB**
(A, 20 kHz LPF)
** *ANALOG DIRECT*

Inputs (Analog)
PHONO:
Sensitivity: 4 mV
Impedance:
50 kΩ
LINE (TUNER, CD, MD / DAT, TAPE, TV / SAT or TV / LD, DVD / LD or DVD, VIDEO 1, 2, and VIDEO 3):
Sensitivity: 200 mV
Impedance:
50 kΩ

Inputs (Digital)
Coaxial (DVD / LD or DVD, CD) :
Sensitivity: –
Impedance: 75 Ω
Optical (DVD / LD or DVD, TV / SAT or TV / LD, MD / DAT) :
Sensitivity: –
Impedance: –

Outputs (Analog)
REC OUT
(MD / DAT, TAPE, VIDEO 1, 2, 3):
Voltage: 200 mV,
Impedance:
1 kΩ
PRE OUT
(FRONT L / R, CENTER, REAR L / R, SUB WOOFER):
Voltage: 2 V
Impedance:
1 kΩ
PHONES:
Accepts low- and high-impedance headphones

— Continued on next page —

FM STEREO FM-AM RECEIVER

MICROFILM

SONY®

Outputs (Digital)
Optical (MD / DAT)

Sampling Frequency
48 kHz

EQ
BASS:
99 Hz ~ 1.0 kHz
(21 steps)
MID:
198 Hz ~ 10 kHz
(37 steps)
TREBLE:
1.0 kHz ~ 10 kHz
(23 steps)
Gain levels:
±10 dB, 0.5 dB step

Decodable Digital Fomats
Dolby Digital (AC-3),
DTS

FM tuner section

Tuning range 87.5 - 108.0 MHz

Antenna terminals
75 Ω, unbalanced

Sensitivity
Mono: 18.3 dBf,
2.2 µV / 75 Ω
Stereo: 38.3 dBf,
22.5 µV / 75 Ω

Usable sensitivity
11.2 dBf, 1 µV / 75 Ω

S/N
Mono: 76 dB
Stereo: 70 dB

Harmonic distortion at 1 kHz
Mono: 0.3%
Stereo: 0.5%

Separation 45 dB at 1 kHz

Frequency response
30 Hz - 15 kHz
+0.5 / –2 dB

Selectivity 60 dB at 400 kHz

AM tuner section

Tuning range
US / Canadian models:
With 10-kHz tuning scale:
530 - 1710 kHz
With 9-kHz tuning scale:
531 - 1710 kHz
Singapore / Malaysia models:
531–1602 kHz (9 kHz interval)
Other models:
531–1602 kHz
(9 kHz interval)
530–1610 kHz
(10 kHz interval)

Antenna Loop antenna

Usable sensitivity
50 dB / m (at 1,000 kHz or 999 kHz)

S/N 54 dB (at 50 mV / m)

Harmonic distortion
0.5 % (50 mV / m, 400 kHz)

Selectivity
At 9 kHz: 35 dB
At 10 kHz: 40 dB

Video section

Inputs
Video: 1 Vp-p 75 Ω
S-video:
Y: 1 Vp-p 75 Ω
C: 0.286 Vp-p
75 Ω

Outputs
Video: 1 Vp-p 75 Ω
S-video:
Y: 1 Vp-p 75 Ω
C: 0.286 Vp-p
75 Ω

General

Power requirements
US / Canadian models:
120 V AC, 60Hz
Singapore / Malaysia models:
220 - 230 V AC,
50 / 60 Hz
Other models:
120 / 220 / 240 V AC,
50 / 60 Hz

Power consumption
US model: 450 W
Canadian model:
650 VA
Singapore / Malaysia models: 420 W
Other models: 450 W

AC outlets
US / Canadian models:
2 switched,
total 120 W / 1 A
Other models:
2 switched,
total 100 W

Dimensions
430 × 174 × 462 mm
(17 × 6 7/8 × 18 1/4 inches)
including projecting parts and controls

Mass (Approx.)
24.5 kg (54 lbs. 1 oz.)

Supplied accessories
- FM wire antenna (1)
- AM loop antenna (1)
- Remote commander RM-TP503 (remote) (1)
- LR6 (size-AA) alkaline batteries (4)
- Coin shaped lithium battery (CR-2032) (1)

US / Canadian models only:
- Audio / video / control S connecting cord (1)
- CONTROL S connecting cord (1)

Design and specifications are subject. to change without notice.

MODEL IDENTIFICATION

– BACK PANEL –

MODEL	PARTS No.
DA777ES: US model	4-222-054-0☐
DA777ES: Canadian model	4-222-054-1☐
DA777ES: E, PX models	4-222-054-2☐
DA777ES: Malaysia, Singapore, Australian models	4-222-054-3☐
V777ES: Chinese model	4-222-054-4☐

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer: Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

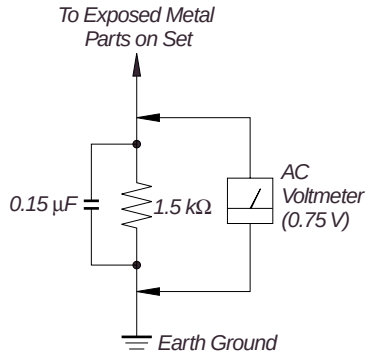

Fig. A. Using an AC voltmeter to check AC leakage.

与安全有关的零部件须知

在原理图上用阴影及⚠标记来识别的零部件在安全操作上是具有关键性的。这些零部件要用本手册中所示的部件号对应的索尼零部件进行更换。

在安全操作上具有关键性的电路调整与索尼公司出版的维修手册完全一致。在更换关键零部件时或怀疑动作失常时，请进行这些调整操作。

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

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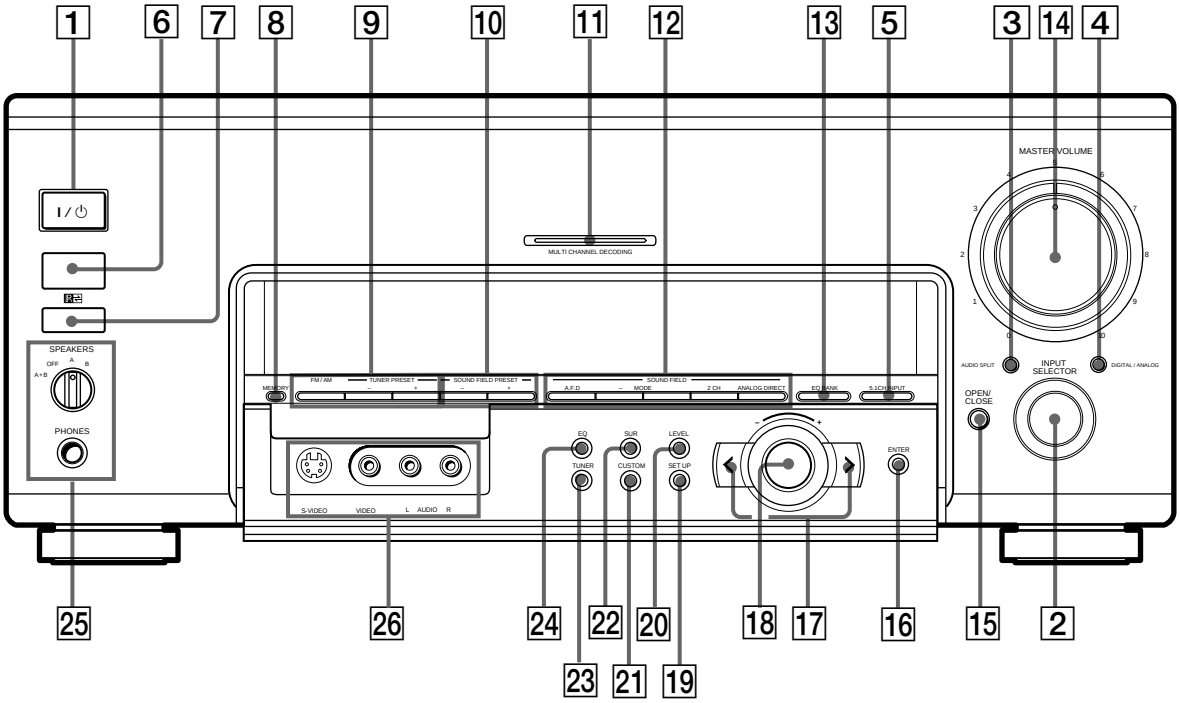
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈSES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPÉMENTS PUBLIÉS PAR SONY.

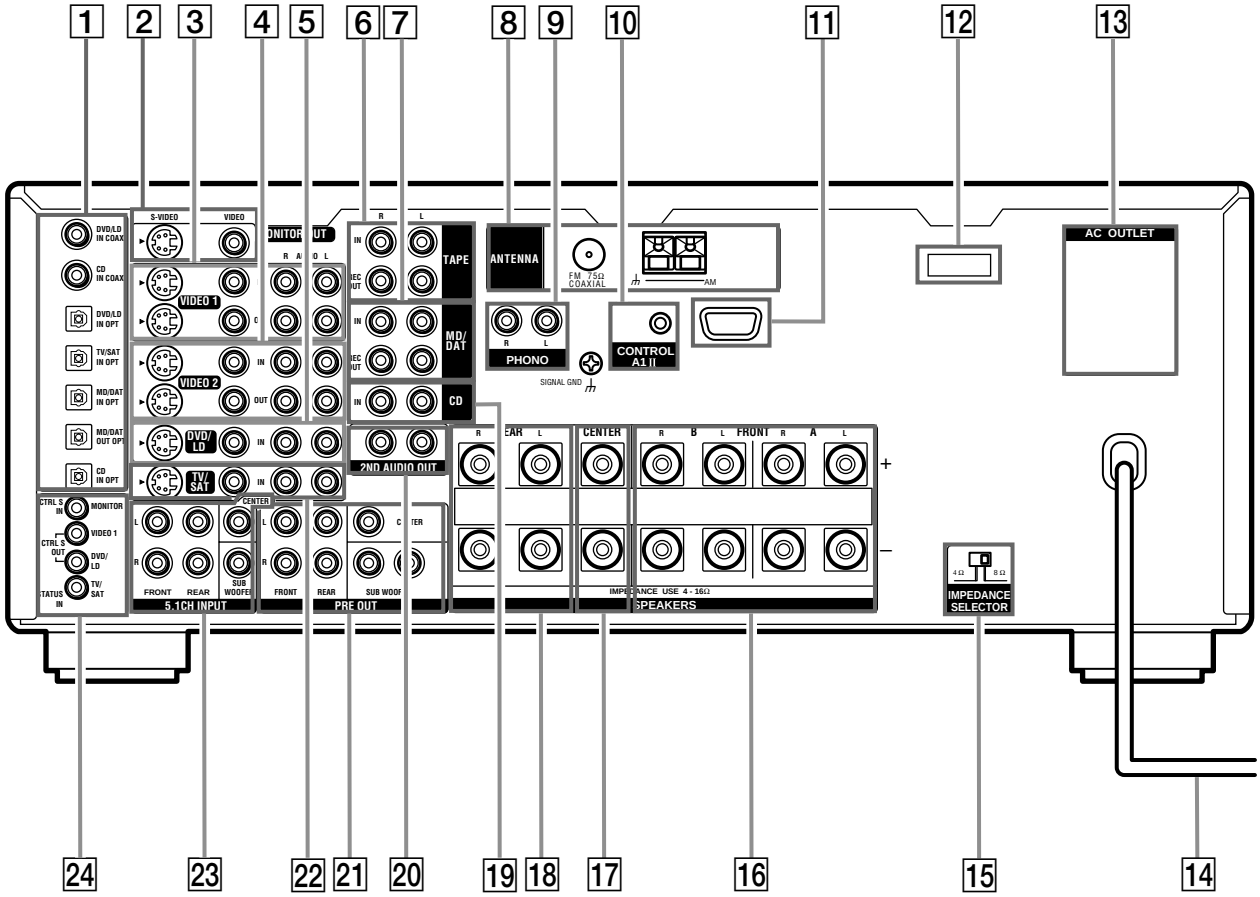
SECTION 1
GENERAL

FRONT PANEL SECTION



1 I/⏻ switch
2 INPUT SELECTOR knob
3 AUDIO SPLIT button
4 DIGITAL/ANALOG button
5 5.1CH INPUT button
6 IR emitter
7 IR receptor
8 MEMORY button
9 TUNER PRESET +/– button
FM/AM button
10 SOUND FIELD PRESET +/– button
11 MULTICHANNEL DECODING indicator
12 A.F.D button
MODE +/– buttons
2CH button
ANALOG DIRECT button
13 EQ BANK button
14 MASTER VOLUME knob
15 OPEN/CLOSE button
16 ENTER button
17 Cursor buttons (</>)
18 Jog dial
19 SET UP button
20 LEVEL button
21 CUSTOM button
22 SUR button
23 TUNER button
24 EQ button
25 SPEAKERS selector knob
PHONES jack
26 VIDEO 3 jack

REAR PANEL SECTION



1 DIGITAL jack
2 MONITOR OUT jack
3 VIDEO 1 jack
4 VIDEO 2 jack
5 DVD/LD jack
6 TAPE jack
7 MD/DAT jack
8 ANTENNA
9 PHONO jack
10 CONTROL A1 II jack
11 RS-232C
12 VOLTAGE SELECRTOR switch (E,PX model)
13 AC OUTLET
14 Power cord
15 IMPEDANCE SELECTOR switch
16 FRONT SPEAKER terminal
17 CENTER SPEAKER terminal
18 REAR SPEAKER terminal
19 CD jack
20 2ND AUDIO OUT jack
21 PRE OUT jack
22 TV/SAT jack
23 5.1CH INPUT jack
24 CONTROL S jack (US,Canadian model)

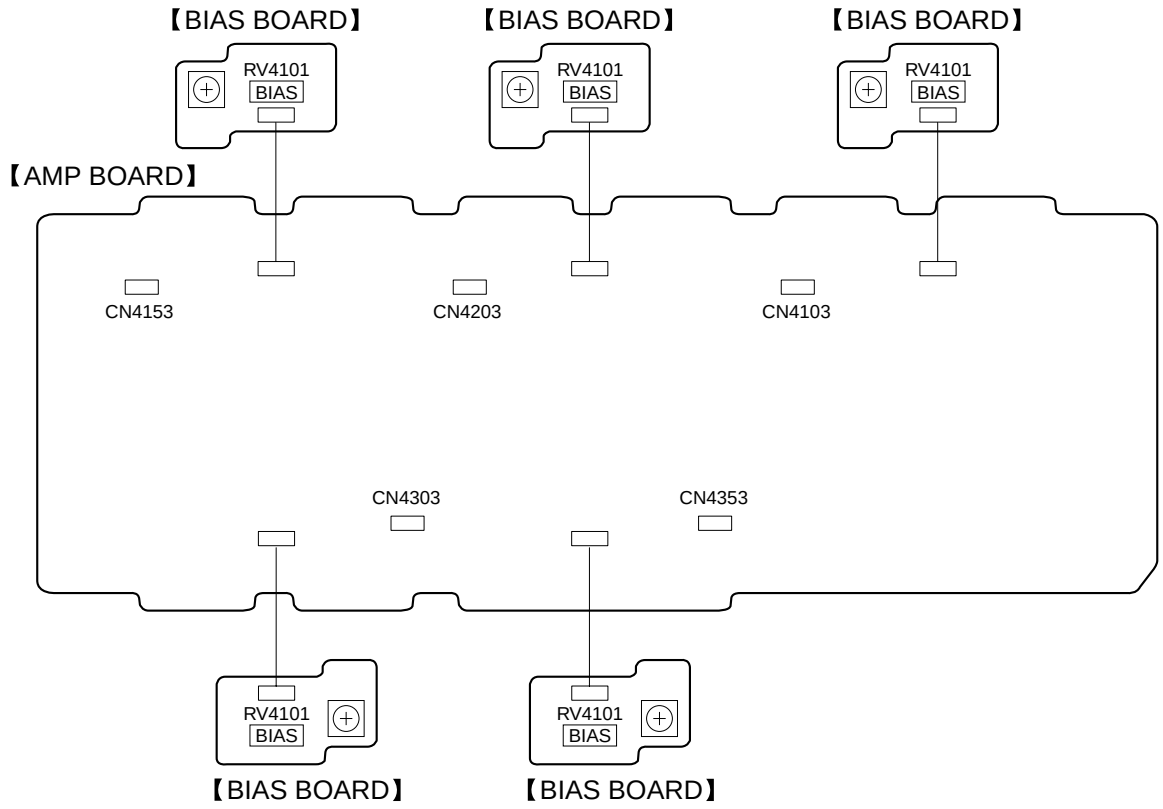
SECTION 2
ADJUSTMENT

Electrical adjustments

[BIAS adjustment]

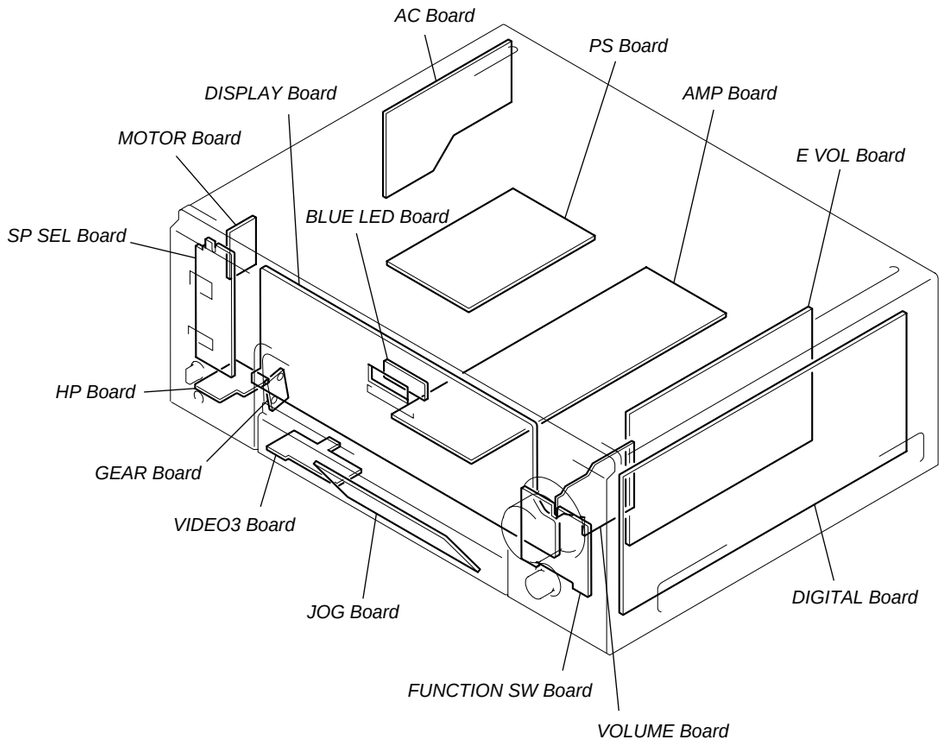
Conditions : VOLUME : MIN
Input signal : No signal (no load)

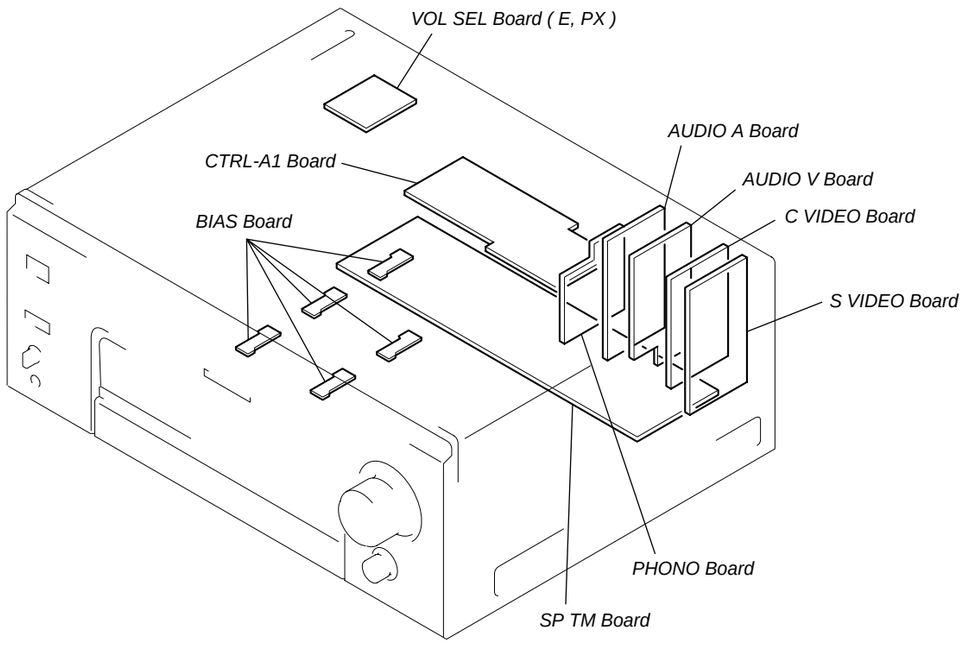
Procedure : Adjust RV4101 on the BIAS board so that 10mV is obtained across the CN4103, CN4153, CN4203, CN4303 and CN4353 on the AMP board respectively.



SECTION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION





THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.
(In addition to this necessary note is printed in each block.)

For schematic diagrams.
Note:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- % : indicates tolerance.
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	**Note:** Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。	

- B+ : B+ Line.
- B− : B− Line.
- : adjustment for repair.
- Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.
  No mark : FM
- Voltages are taken with a VOM (Input impedance 10 MΩ). Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope.
- Circled numbers refer to waveforms.
- Signal path.
  : FM
  : CD
  : DIGITAL
  : PHONO
- Abbreviation
  CND :Canadian model
  AUS :Australian model
  MY :Malaysia model
  SP :Singapore model
  CH :Chinese model

For printed wiring boards.
Note:

- : parts extracted from the component side.
- ○ : Through hole.
- : Pattern from the side which enables seeing.

Caution:	
Pattern face side: (SIDE B)	Parts on the pattern face side seen from the pattern face are indicated.
Parts face side: (SIDE A)	Parts on the parts face side seen from the parts face are indicated.

• Waveform

DIGITAL Board

① IC347 ⑩⓪ (CLKO)
IC348 ⑩⓪ (CLKO)

10MHz

② IC357 ③ (EXTAL)

20MHz

③ IC352 ⑯ (XOUT)

7.28MHz

④ IC335 ①

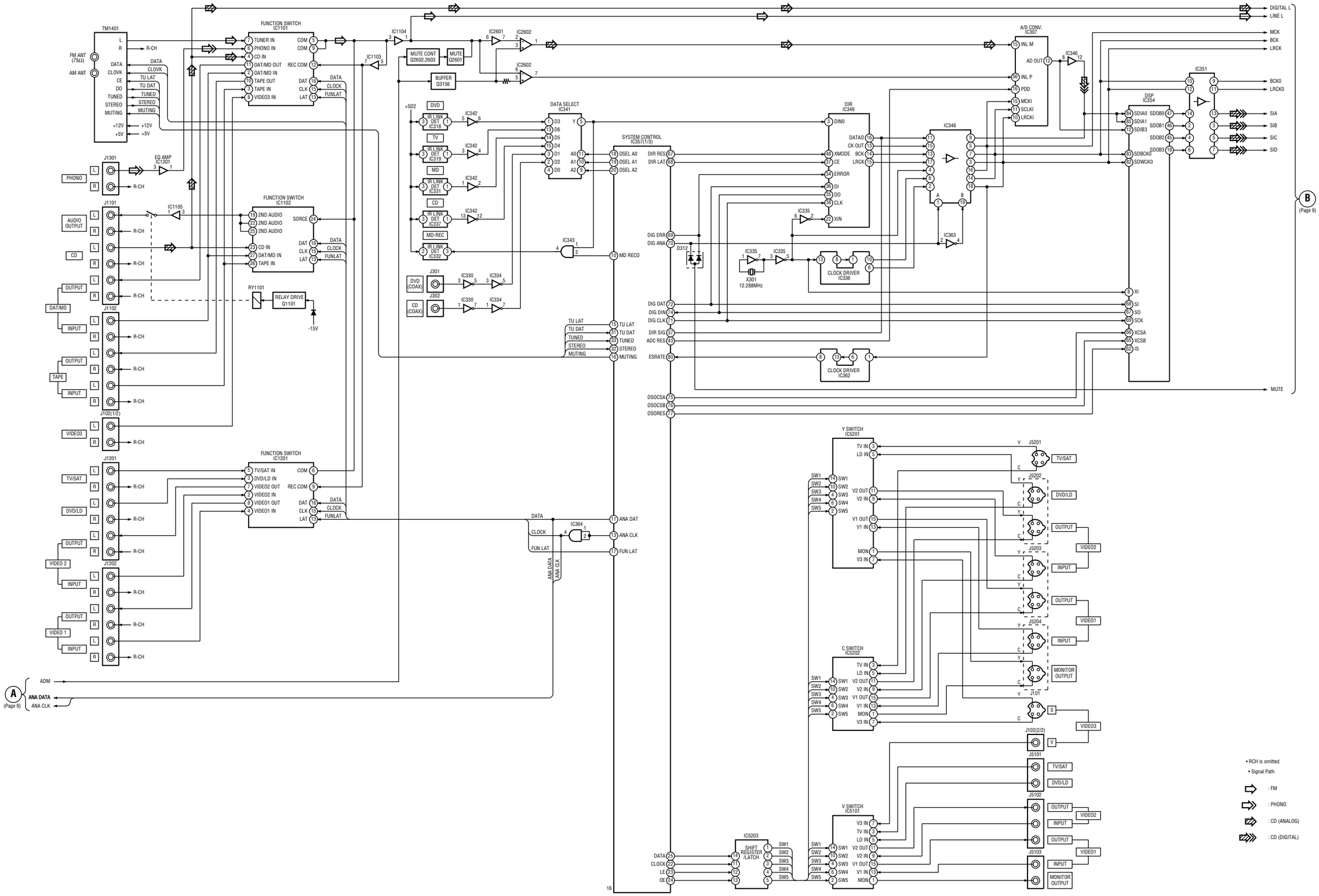
12.288MHz

DISPLAY Board

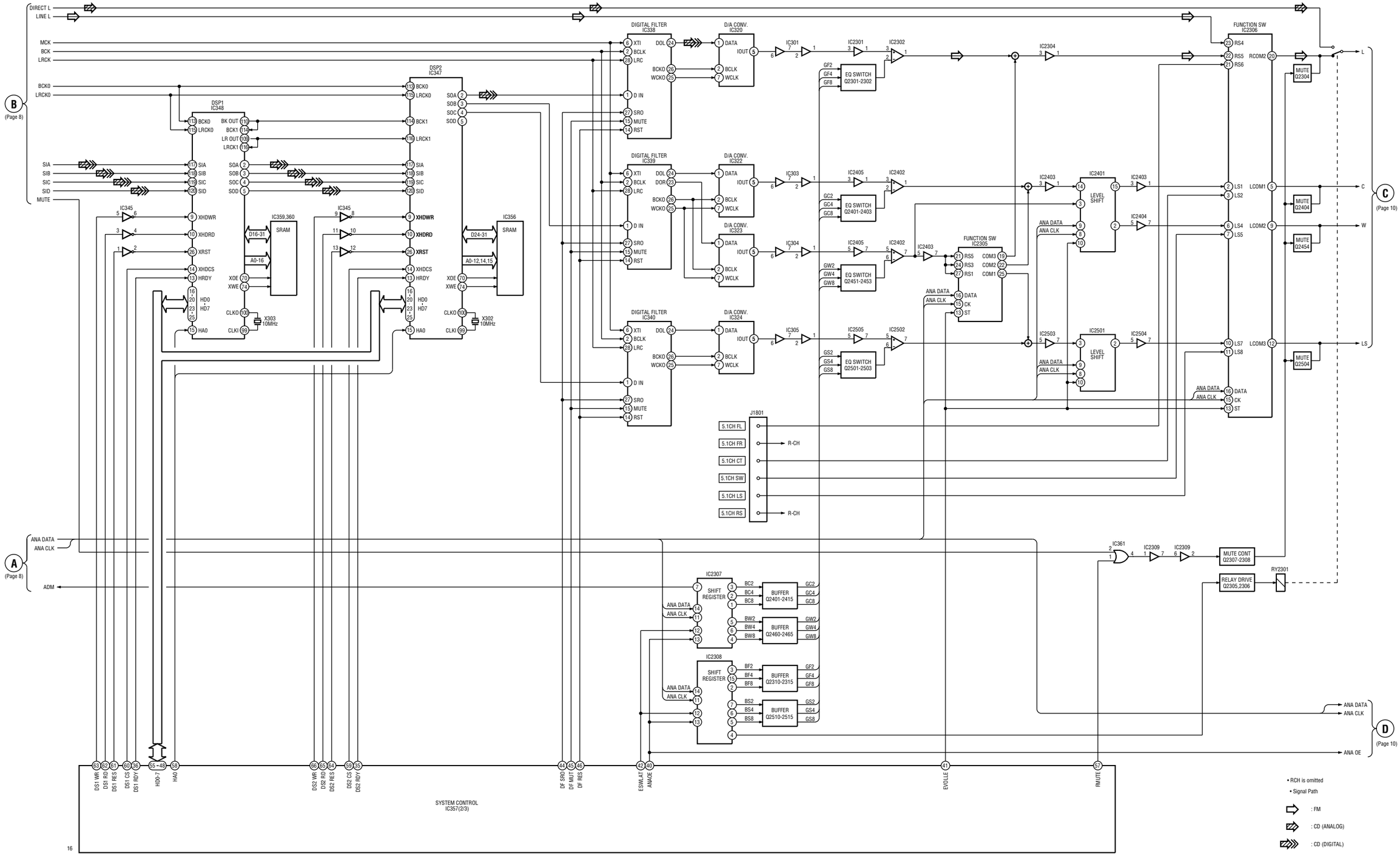
⑤ IC103 ③ (EXTAL)

20MHz

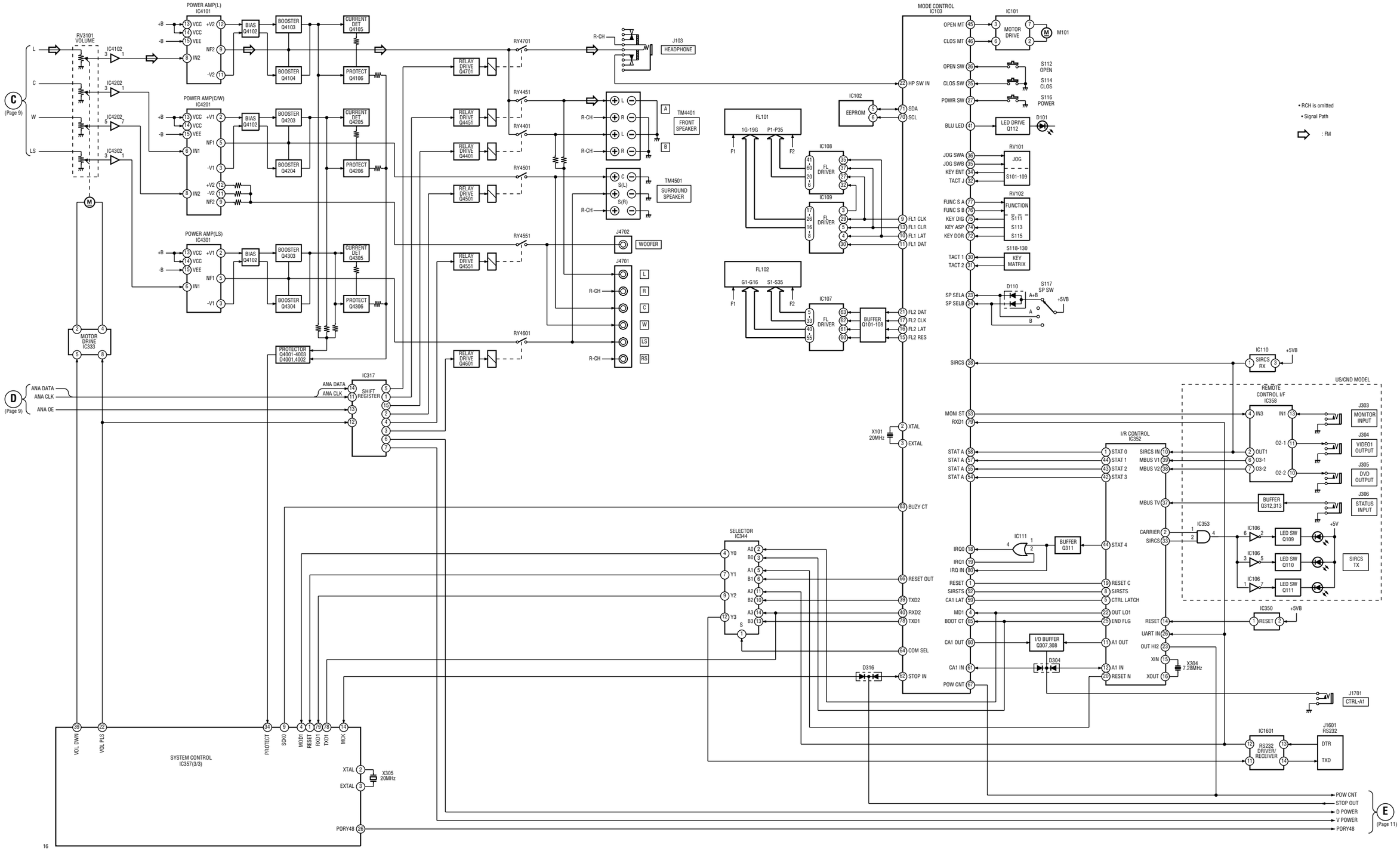
3-2. BLOCK DIAGRAM MAIN SECTION



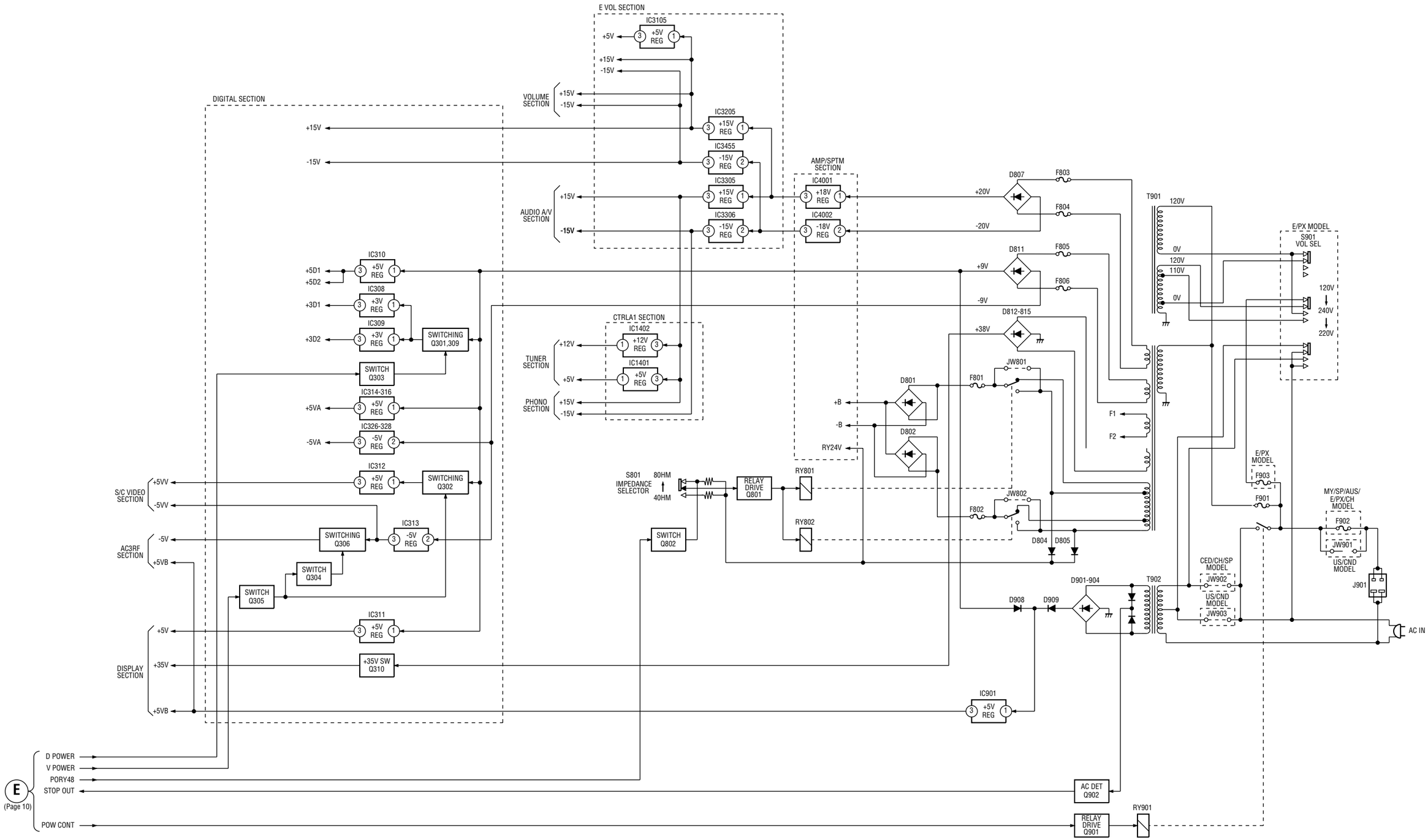
3-3. BLOCK DIAGRAM DIGITAL SECTION



3-4. BLOCK DIAGRAM CONTROL SECTION



3-5. BLOCK DIAGRAM POWER SECTION

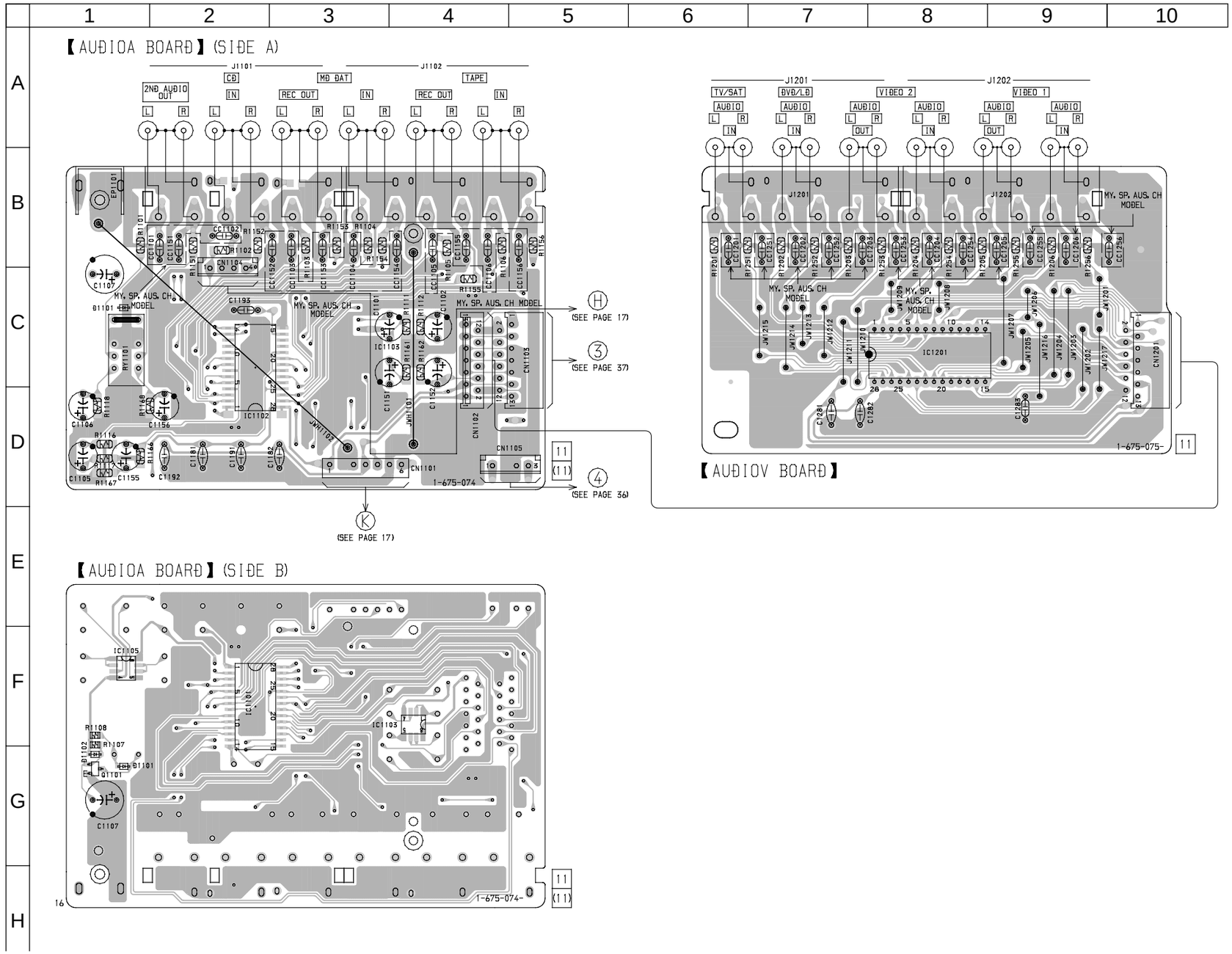


3-6. PRINTED WIRING BOARD AUDIO SECTION

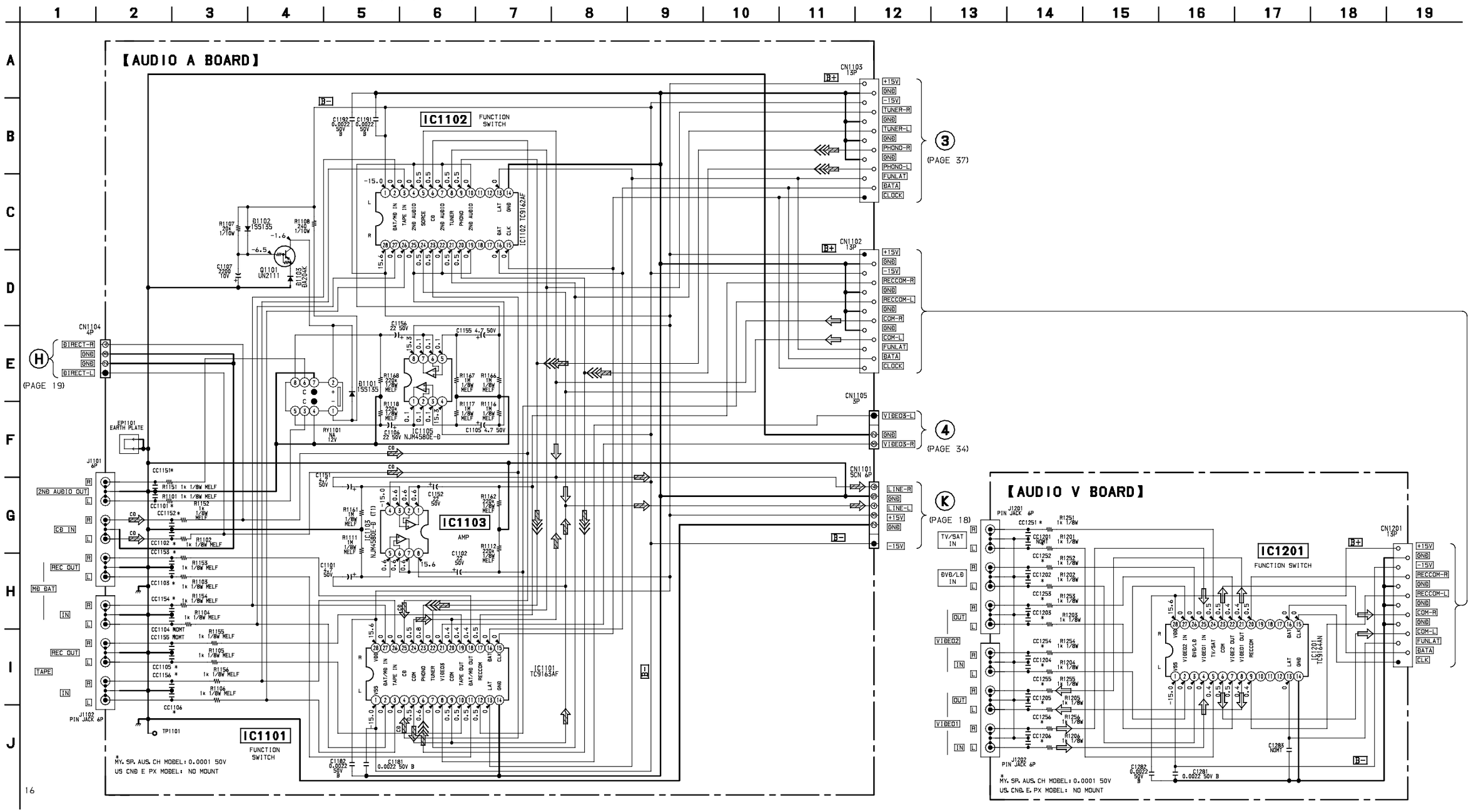
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D1101	G-1
D1102	F-1
IC1101	F-2
IC1102	D-2
IC1103	F-4
IC1105	F-1
IC1201	C-8
Q1101	G-1



3-7. SCHEMATIC DIAGRAM AUDIO SECTION • See page 43,44 for IC Block Diagrams.

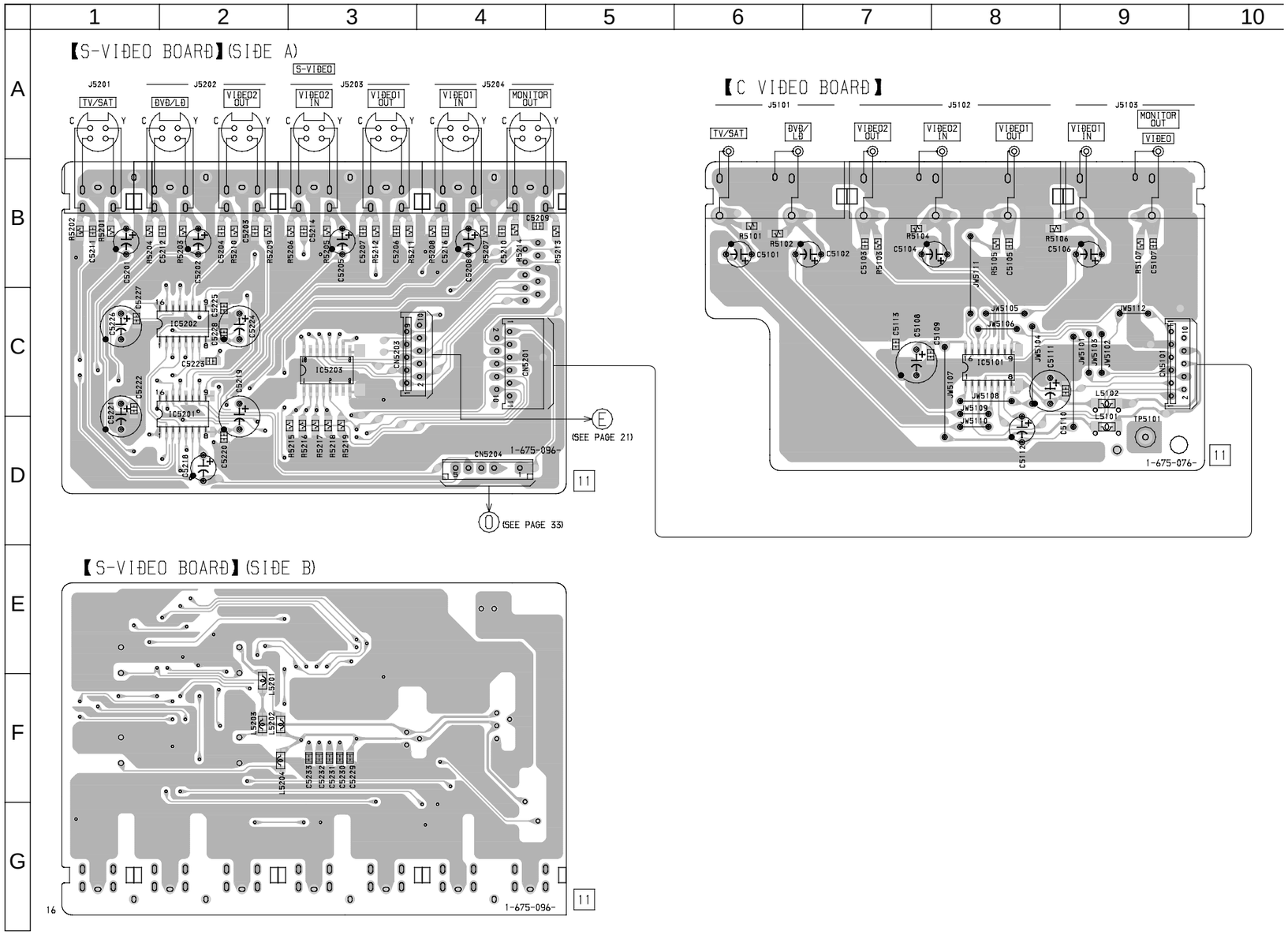


3-8. PRINTED WIRING BOARD VIDEO SECTION

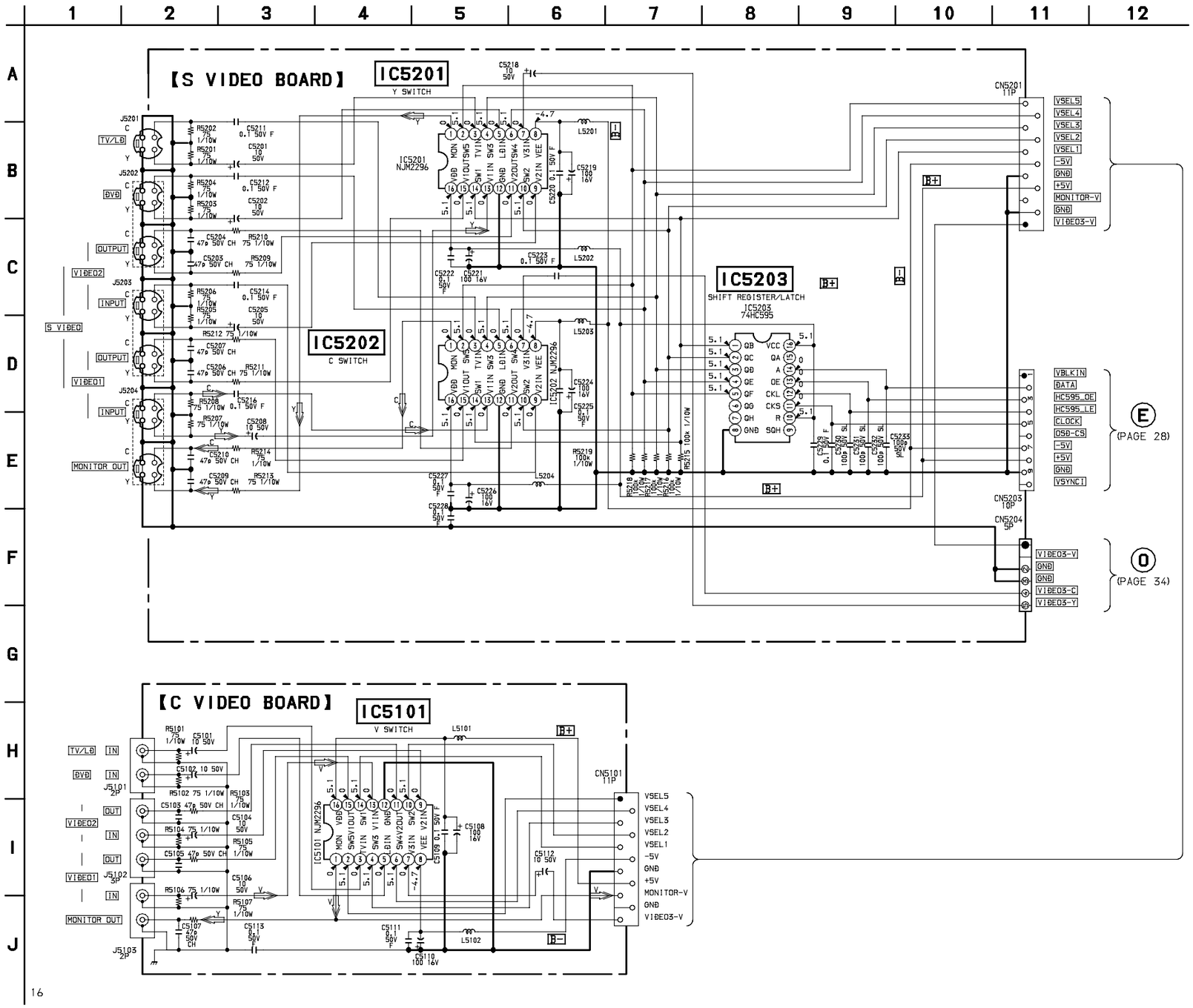
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
IC5101	C-8
IC5201	C-2
IC5202	C-2
IC5203	C-3



3-9. SCHEMATIC DIAGRAM VIDEO SECTION • See page 44,45 for IC Block Diagrams.

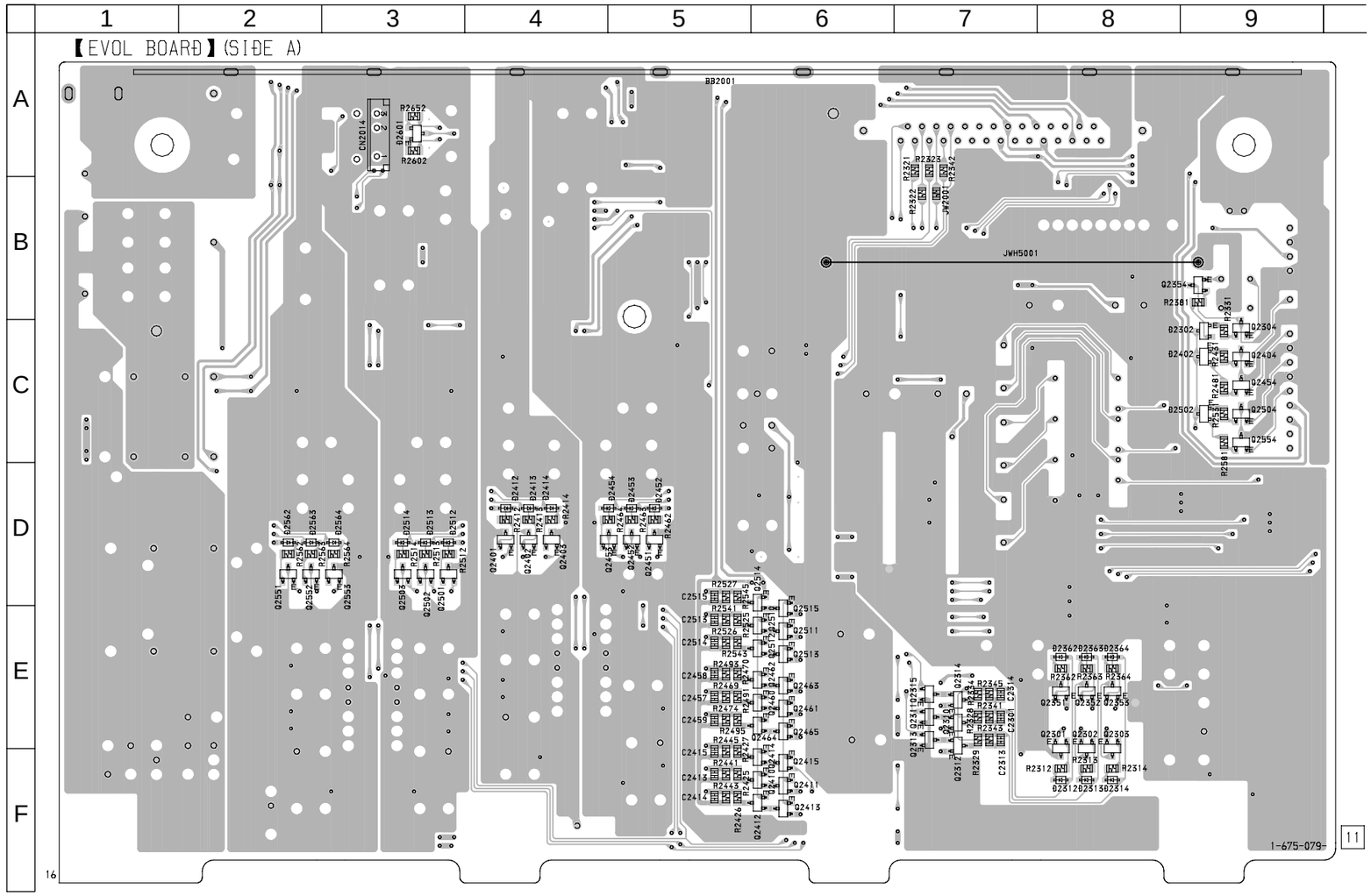


3-10. PRINTED WIRING BOARD VOLUME SECTION(SIDE A)

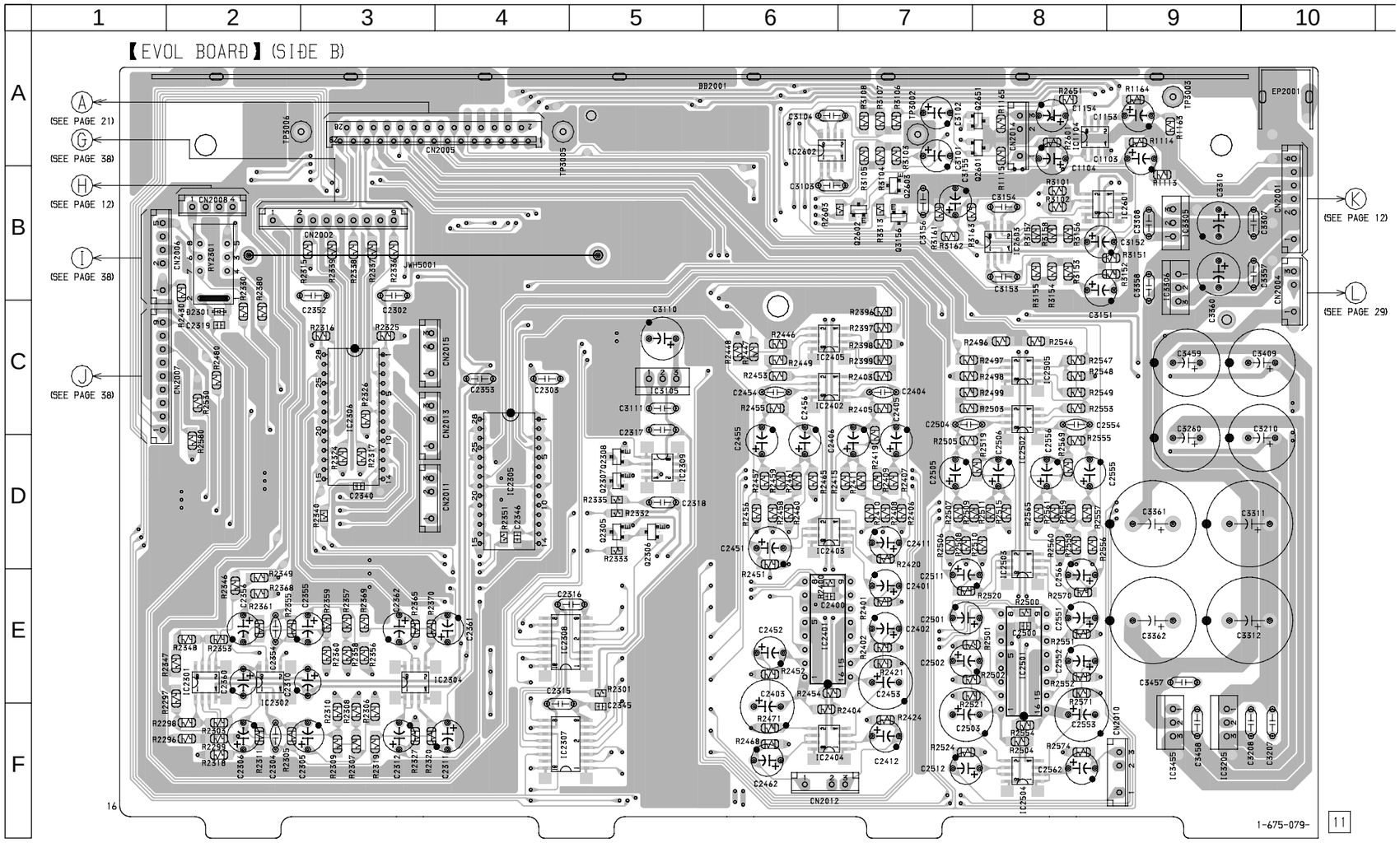
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D2302	B-9
D2312	F-8
D2313	F-8
D2314	F-8
D2362	D-8
D2363	D-8
D2364	D-8
D2402	C-9
D2412	D-4
D2413	D-4
D2414	D-4
D2452	D-5
D2453	D-5
D2454	D-5
D2502	C-9
D2512	D-3
D2513	D-3
D2514	D-3
D2562	D-2
D2563	D-3
D2564	D-3
D2601	A-3
Q2301	E-8
Q2302	E-8
Q2303	E-8
Q2304	C-9
Q2310	E-7
Q2311	E-7
Q2312	F-7
Q2313	E-7
Q2314	E-7
Q2315	E-7
Q2351	E-8
Q2352	E-8
Q2353	E-8
Q2354	B-9
Q2401	D-4
Q2402	D-4
Q2403	D-4
Q2404	C-9
Q2410	F-6
Q2411	F-6
Q2412	F-6
Q2413	F-6
Q2414	F-6
Q2415	F-6
Q2451	D-5
Q2452	D-5
Q2453	D-5
Q2454	C-9
Q2460	E-6
Q2461	E-6
Q2462	E-6
Q2463	E-6
Q2464	E-6
Q2465	E-6
Q2501	D-3
Q2502	D-3
Q2503	D-3
Q2504	C-9
Q2510	E-6
Q2511	E-6
Q2512	E-6
Q2513	E-6
Q2514	E-6
Q2515	D-6
Q2551	D-2
Q2552	D-3
Q2553	D-3
Q2554	C-9



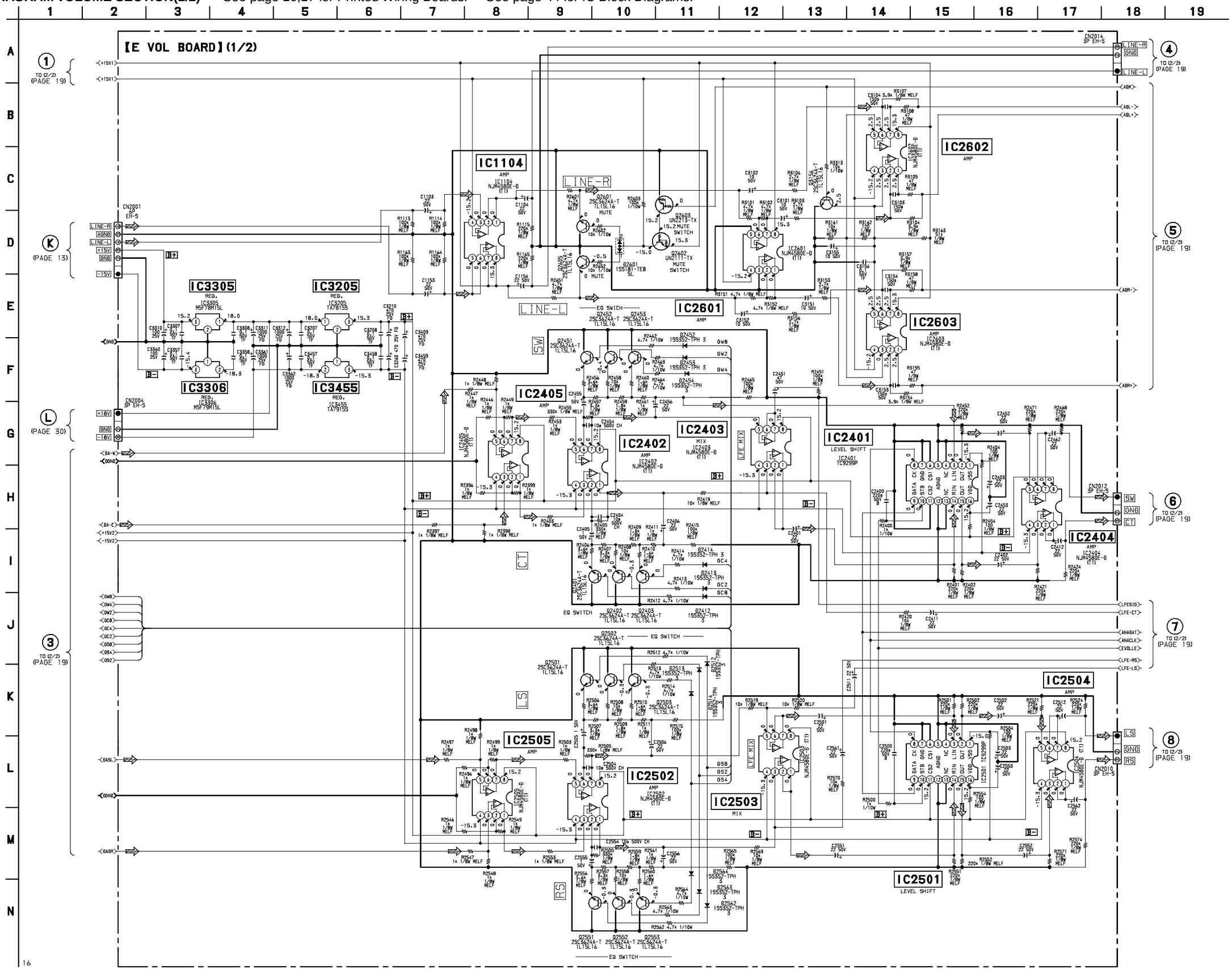
3-11. PRINTED WIRING BOARD VOLUME SECTION(SIDE B) • See page 7 for Circuit Boards Location.



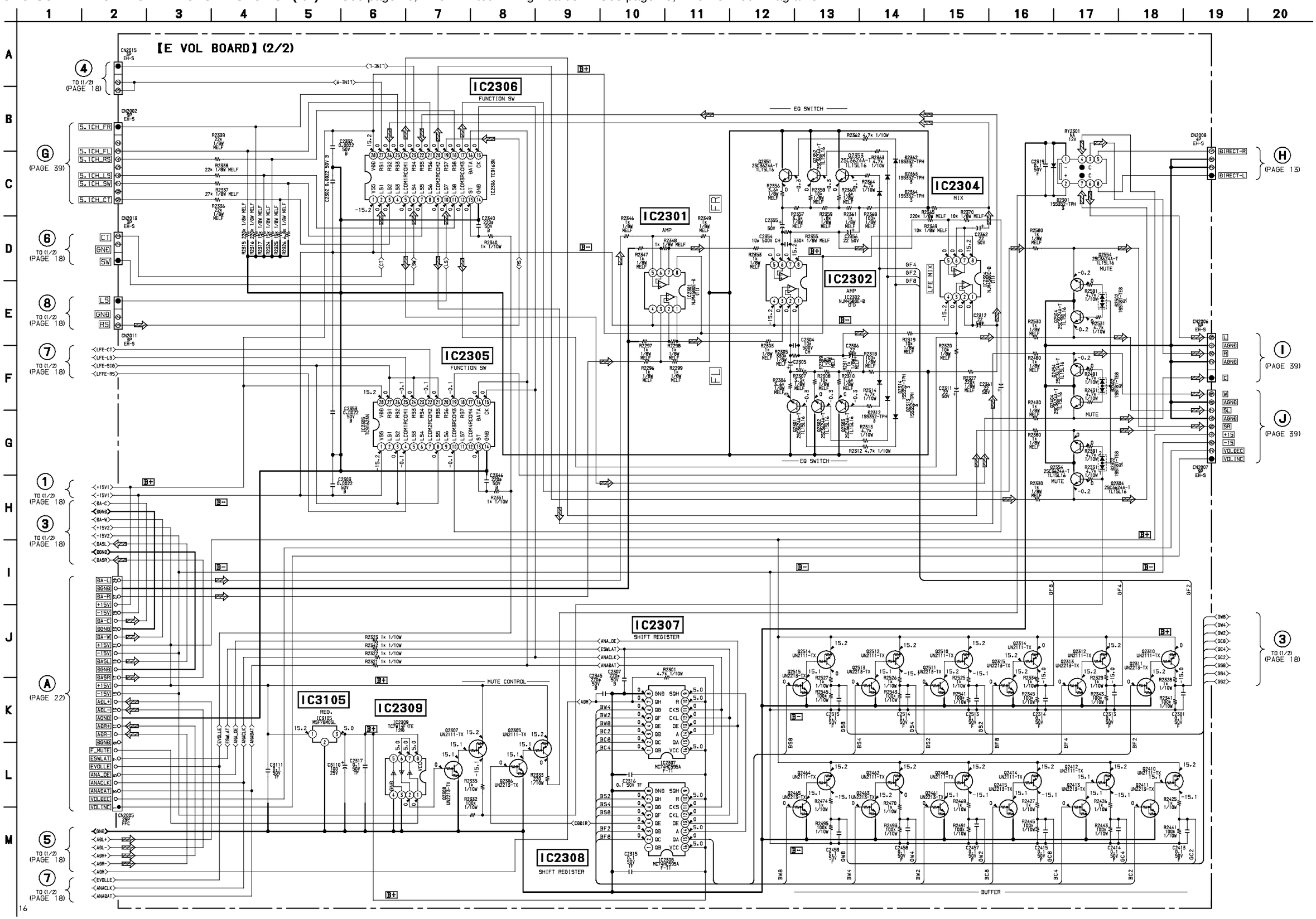
• **Semiconductor Location**

Ref. No.	Location
D2301	C-2
IC1104	A-8
IC2301	E-2
IC2302	E-2
IC2304	E-3
IC2305	D-4
IC2306	C-3
IC2307	F-4
IC2308	E-4
IC2309	D-5
IC2401	E-6
IC2402	C-6
IC2403	D-6
IC2404	F-6
IC2405	C-6
IC2501	E-8
IC2502	C-8
IC2503	D-8
IC2504	F-8
IC2505	C-8
IC2601	B-8
IC2602	A-6
IC2603	A-8
IC3105	C-5
IC3205	E-9
IC3305	B-9
IC3306	B-9
IC3455	E-9
Q2305	D-5
Q2306	D-5
Q2307	D-5
Q2308	D-5
Q2601	A-7
Q2602	B-6
Q2603	B-7
Q2651	A-7
Q3156	B-7

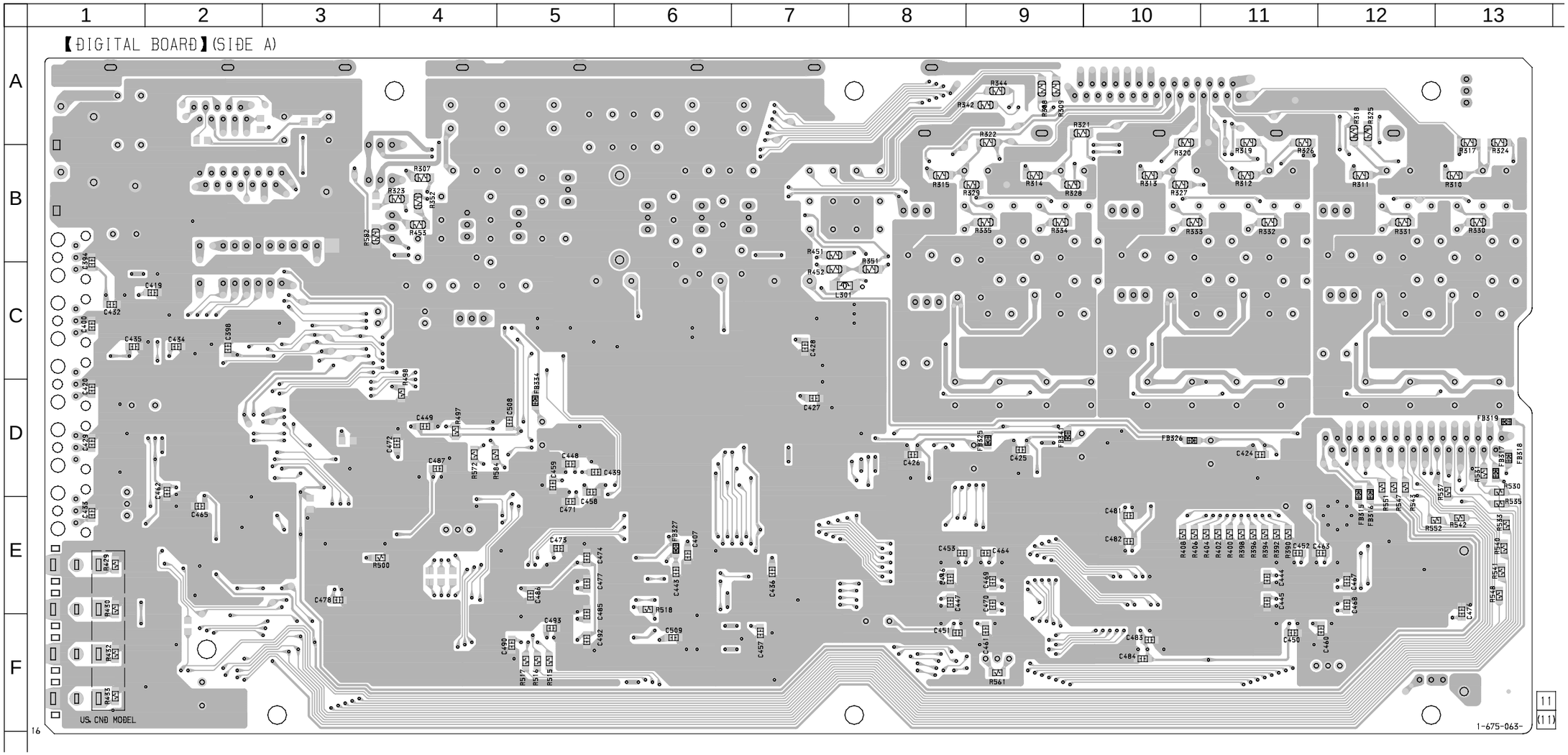
3-12. SCHEMATIC DIAGRAM VOLUME SECTION(1/2) • See page 16,17 for Printed Wiring Boards. • See page 44 for IC Block Diagrams.



3-13. SCHEMATIC DIAGRAM VOLUME SECTION(2/2) • See page 16,17 for Printed Wiring Boards. • See page 43,44 for IC Block Diagrams.

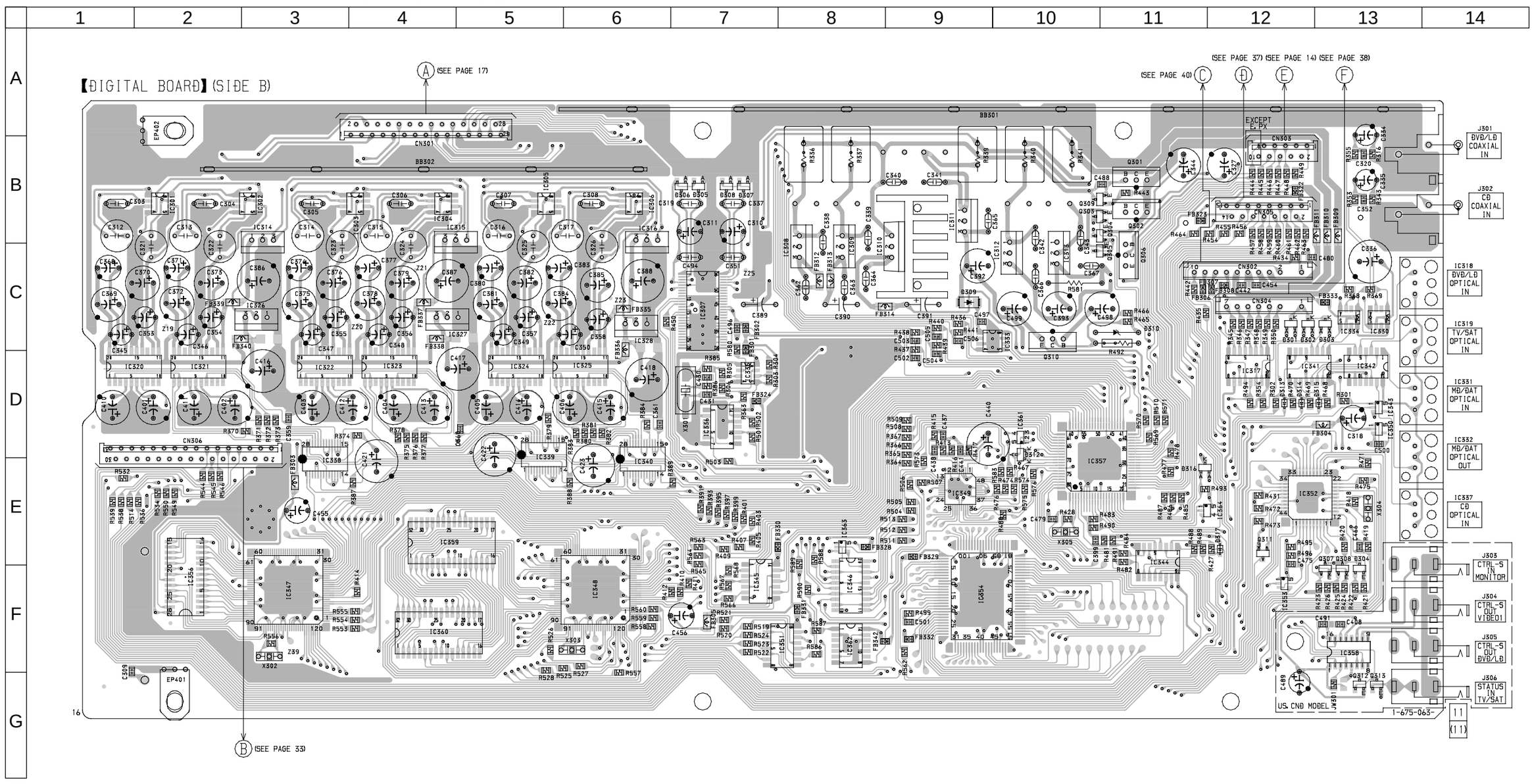


3-14. PRINTED WIRING BOARD DIGITAL SECTION(SIDE A) • See page 7 for Circuit Boards Location.



3-15. PRINTED WIRING BOARD DIGITAL SECTION(SIDE B)

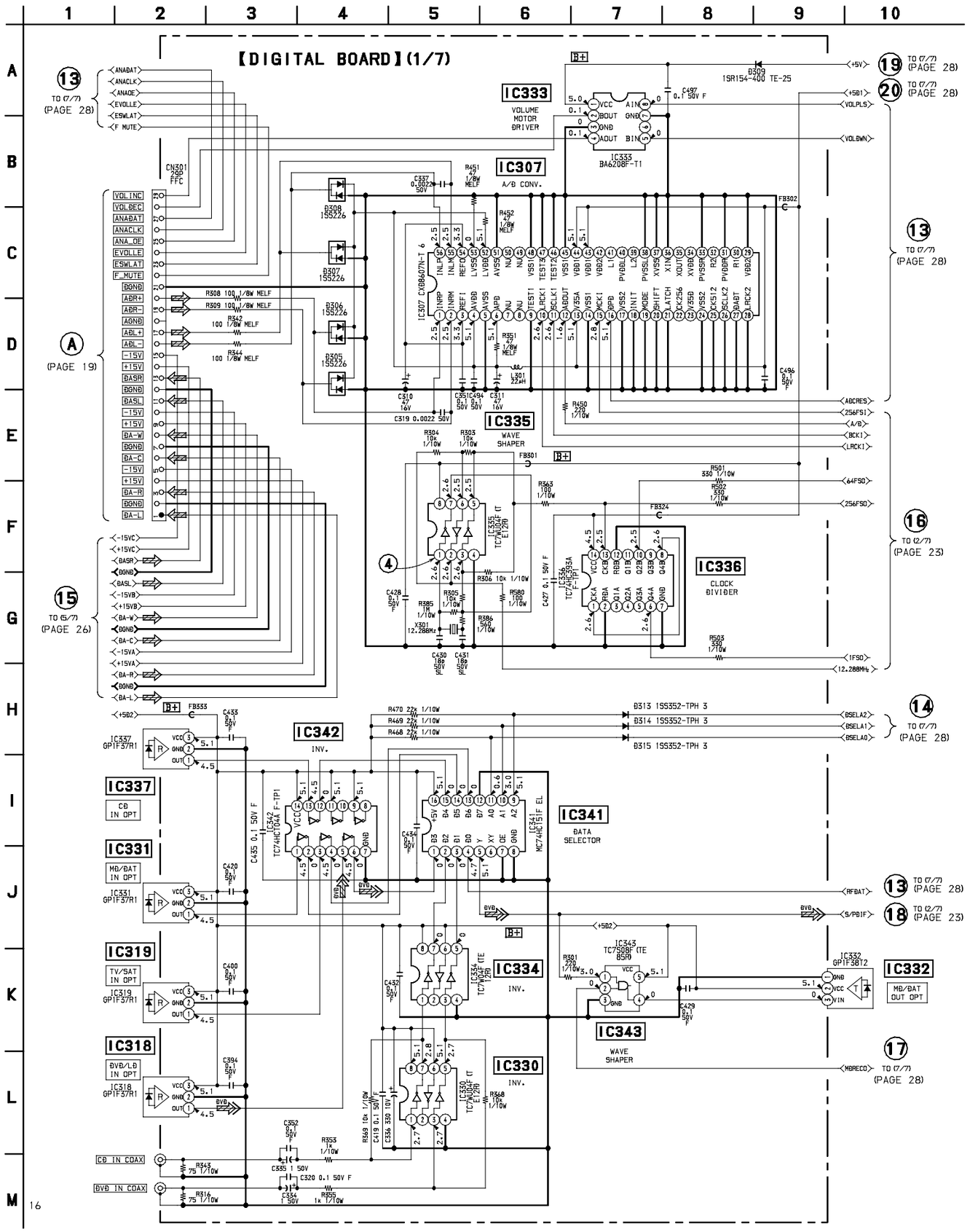
• See page 7 for Circuit Boards Location.



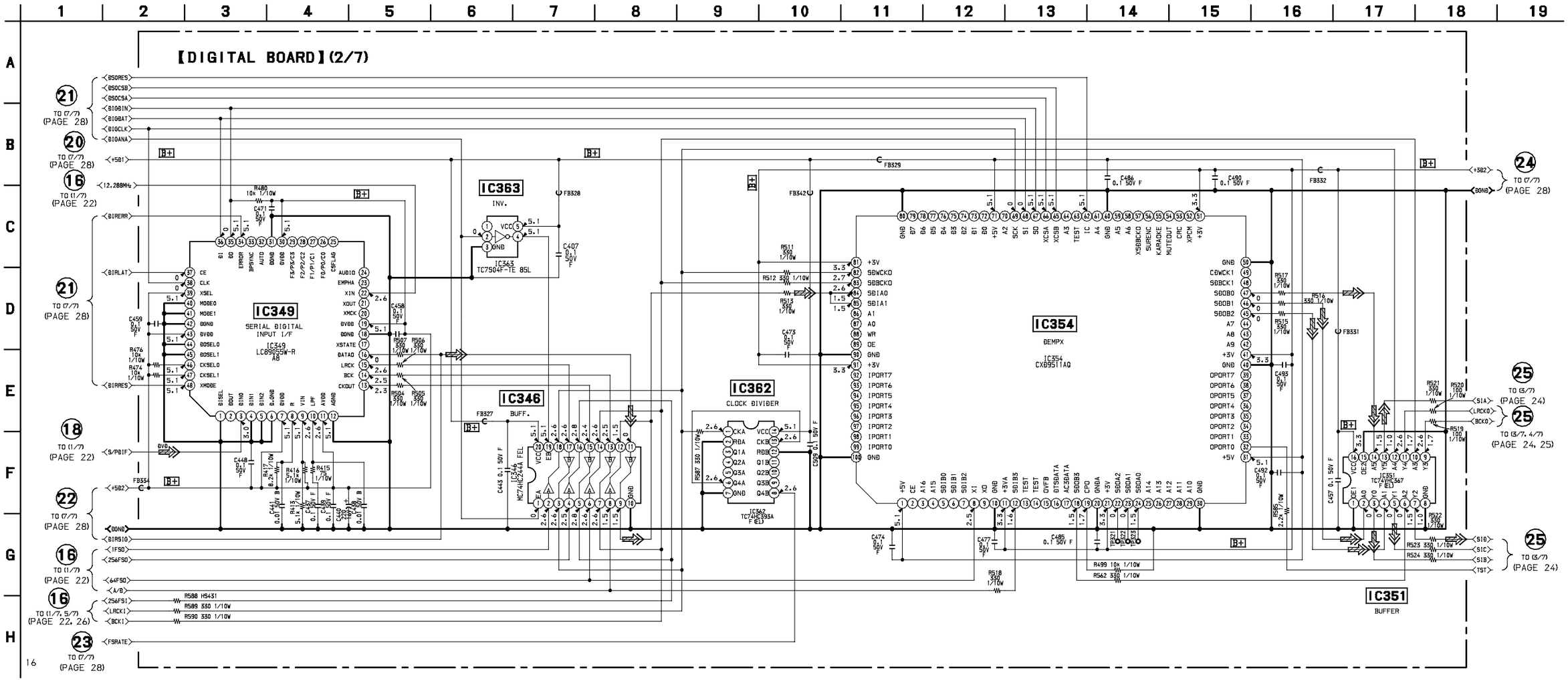
• **Semiconductor Location**

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D301	C-12	IC301	B-1	IC317	C-12	IC334	C-13	IC350	D-13	Q301	B-11
D302	C-12	IC302	B-2	IC318	C-13	IC335	C-7	IC351	F-7	Q302	B-11
D303	C-12	IC303	B-3	IC319	C-13	IC336	D-7	IC352	E-12	Q303	B-10
D304	E-13	IC304	B-4	IC320	C-1	IC337	E-13	IC353	E-12	Q304	B-10
D305	B-6	IC305	B-5	IC321	C-2	IC338	D-3	IC354	F-9	Q305	B-10
D306	B-6	IC306	B-6	IC322	C-3	IC339	D-5	IC356	E-2	Q306	B-11
D307	B-7	IC307	C-7	IC323	C-4	IC340	D-6	IC357	D-10	Q307	E-12
D308	B-7	IC308	B-7	IC324	C-5	IC341	C-12	IC358	F-13	Q308	E-13
D309	C-9	IC309	B-8	IC325	C-5	IC342	C-13	IC359	E-4	Q309	B-10
D310	C-11	IC310	B-8	IC326	C-2	IC343	D-13	IC360	F-4	Q310	C-10
D312	D-10	IC311	B-9	IC327	C-4	IC344	E-11	IC361	D-10	Q311	E-12
D313	D-12	IC312	B-9	IC328	C-6	IC345	E-7	IC362	F-8	Q312	F-13
D314	D-12	IC313	B-10	IC330	C-13	IC346	E-8	IC363	E-8	Q313	F-13
D315	D-12	IC314	B-2	IC331	D-13	IC347	F-3	IC364	E-11		
D316	D-11	IC315	B-4	IC332	D-13	IC348	E-6				
D317	E-11	IC316	B-6	IC333	C-9	IC349	E-9				

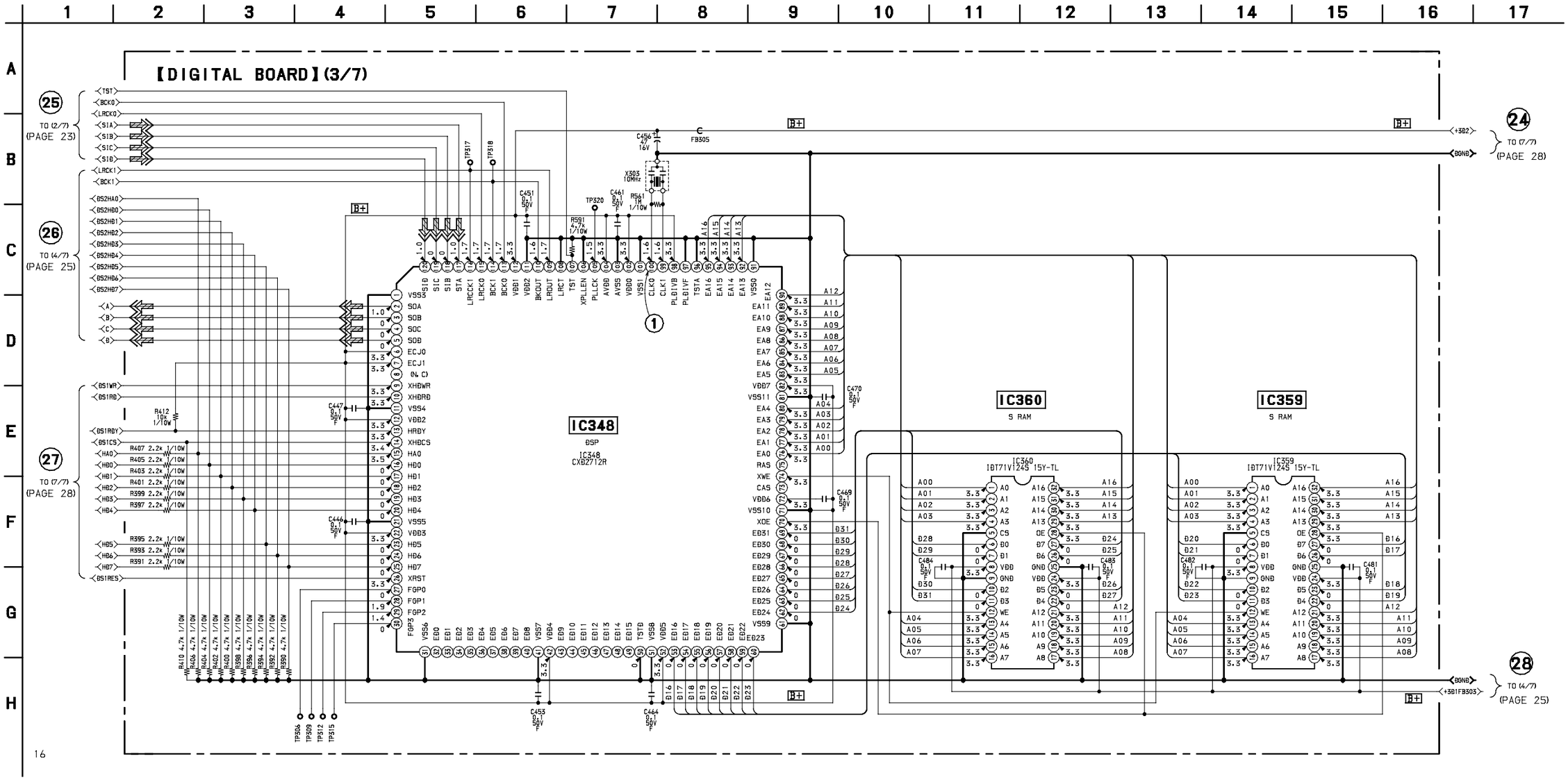
3-16. SCHEMATIC DIAGRAM DIGITAL SECTION(1/7) • See page 7 for Waveform. • See page 20,21 for Printed Wiring Boards. • See page 45,46 for IC Block Diagrams.



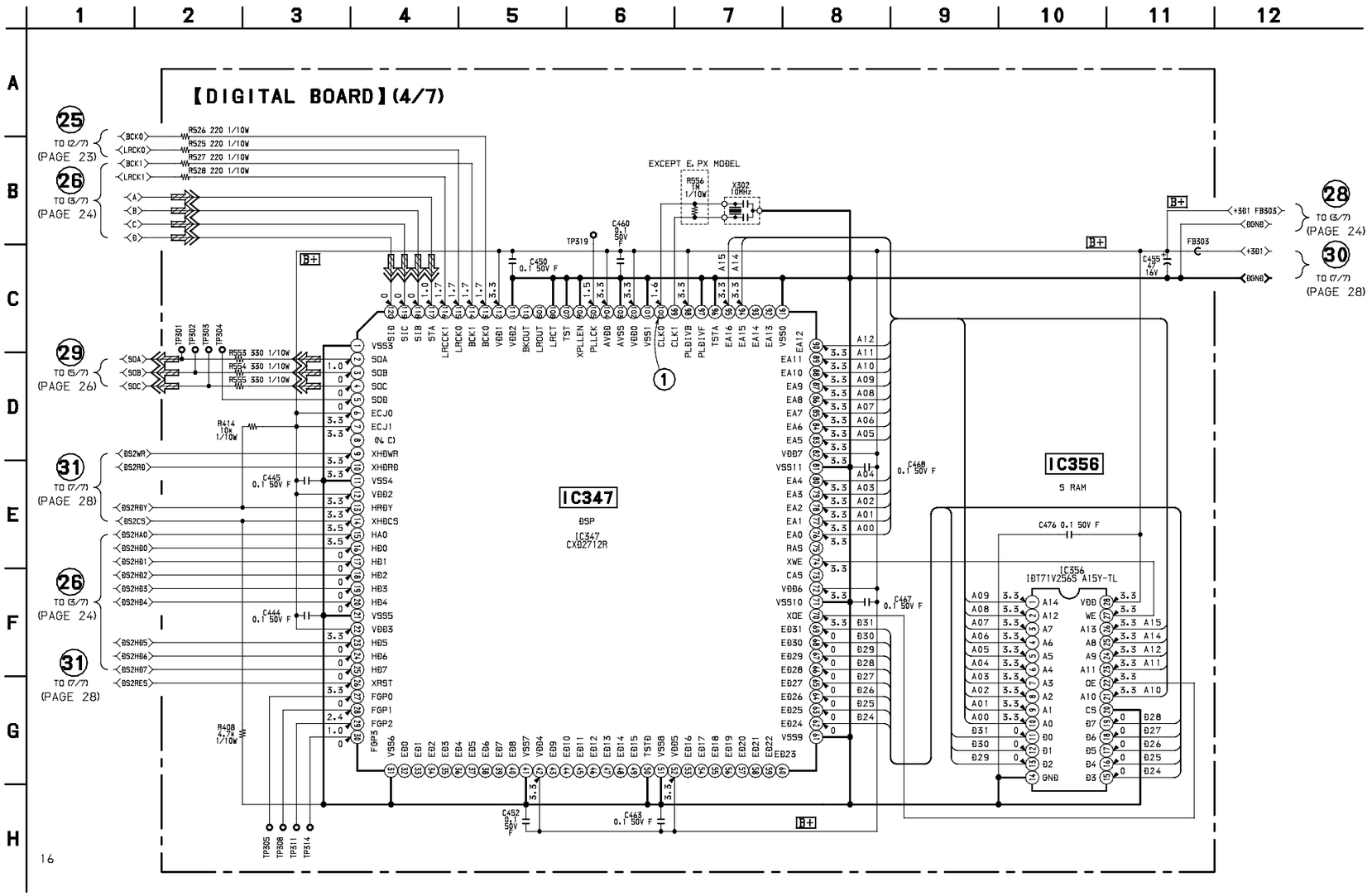
3-17. SCHEMATIC DIAGRAM DIGITAL SECTION(2/7) • See page 20,21 for Printed Wiring Boards. • See page 45 for IC Block Diagrams. • See page 51 for IC Pin Function Description.



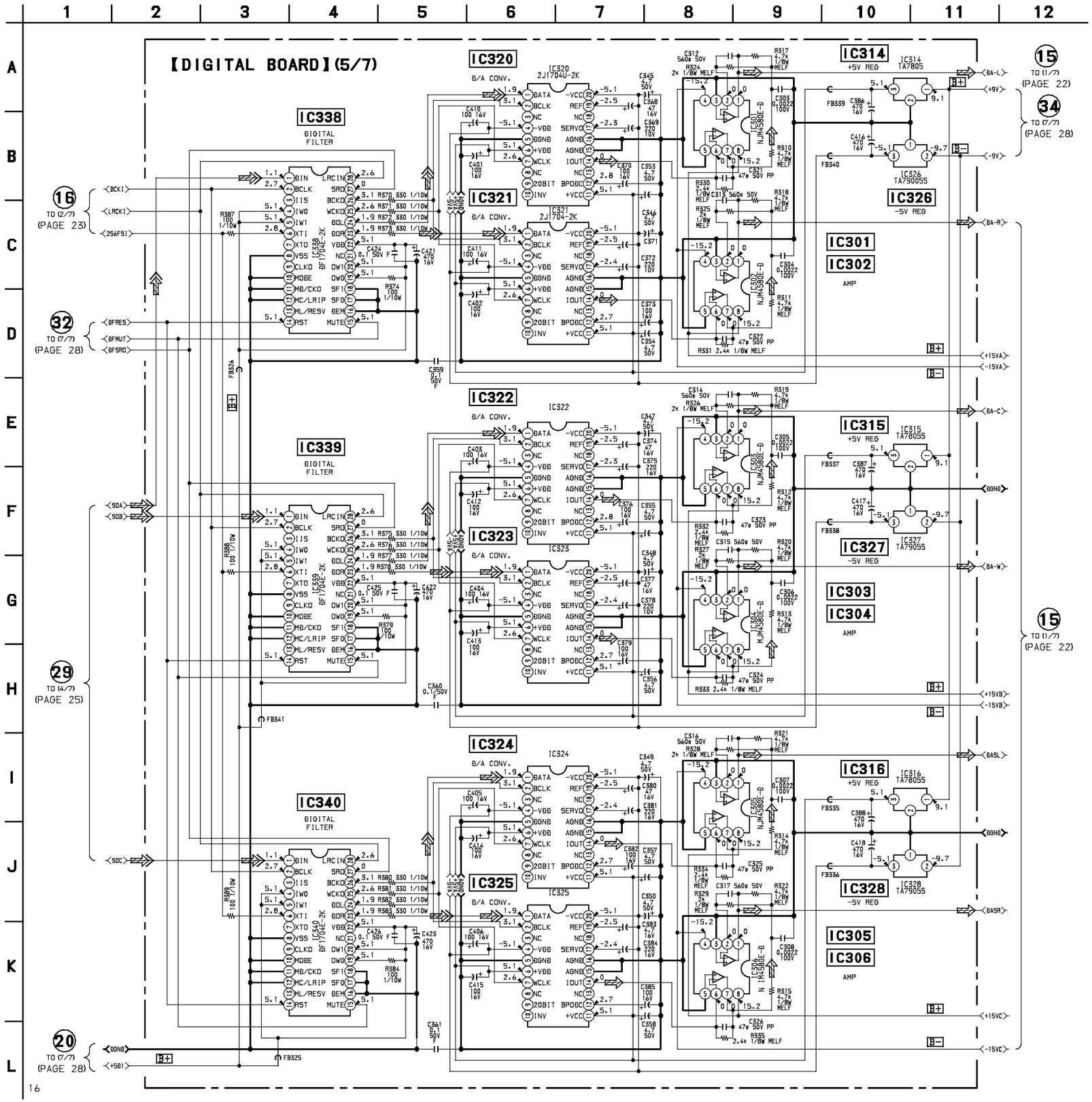
3-18. SCHEMATIC DIAGRAM DIGITAL SECTION(3/7) • See page 7 for Waveform. • See page 20,21 for Printed Wiring Boards. • See page 47 for IC Pin Function Description.



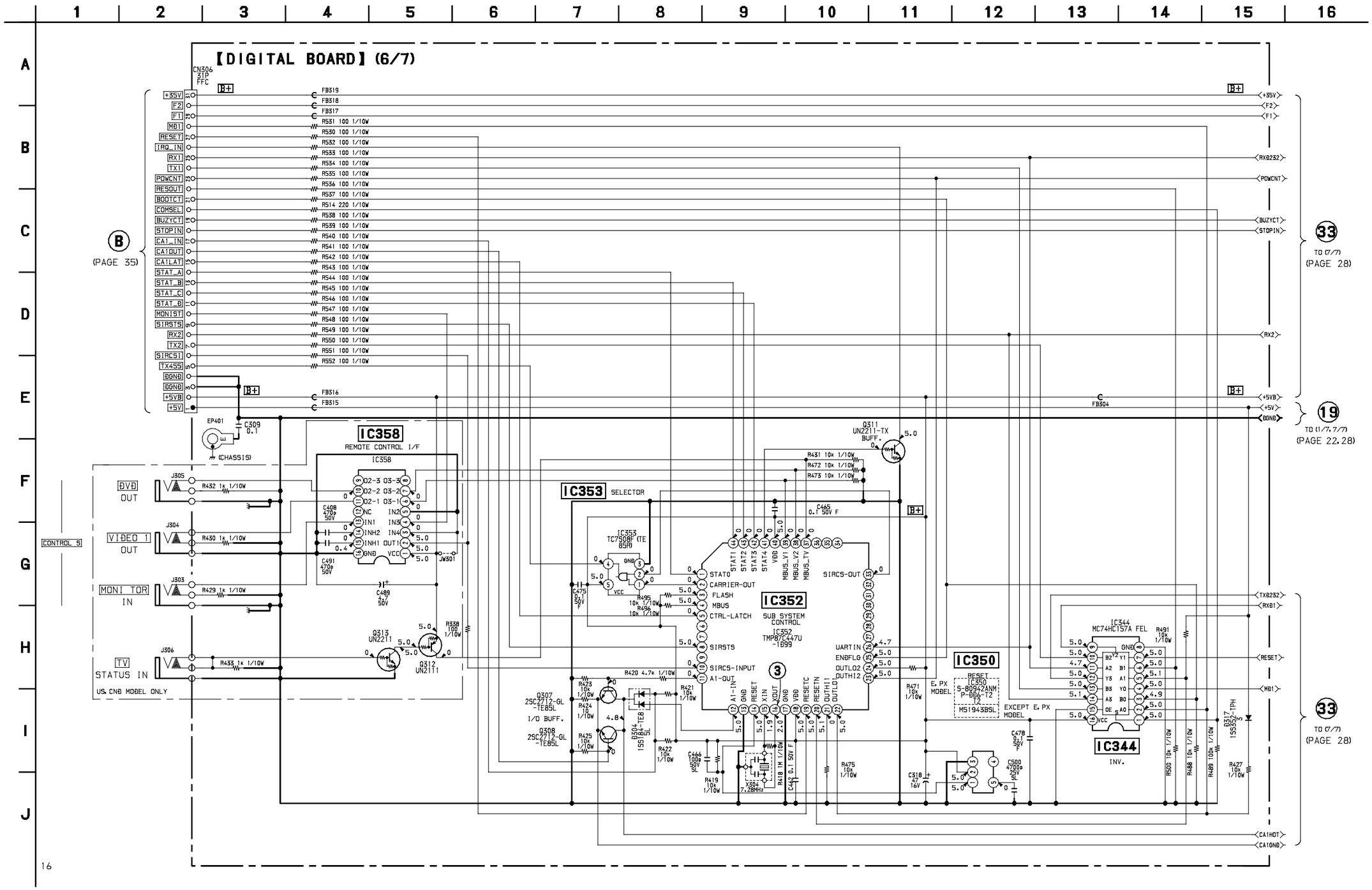
3-19. SCHEMATIC DIAGRAM DIGITAL SECTION(4/7) • See page 7 for Waveform. • See page 20,21 for Printed Wiring Boards. • See page 47 for IC Pin Function Description.



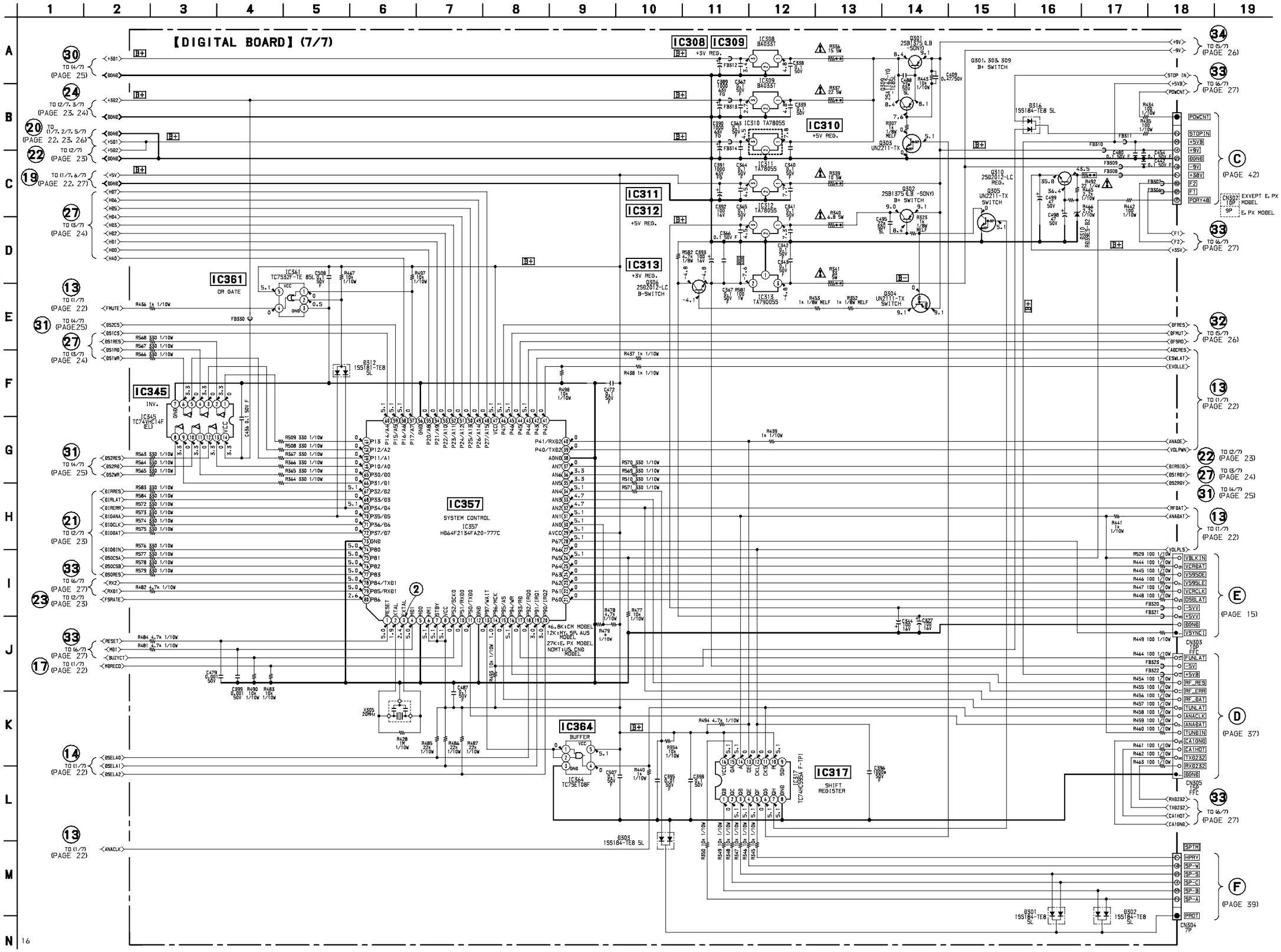
3-20. SCHEMATIC DIAGRAM DIGITAL SECTION(5/7) • See page 20,21 for Printed Wiring Boards. • See page 46 for IC Block Diagrams.



3-21. SCHEMATIC DIAGRAM DIGITAL SECTION(6/7) • See page 7 for Waveform. • See page 20,21 for Printed Wiring Boards.

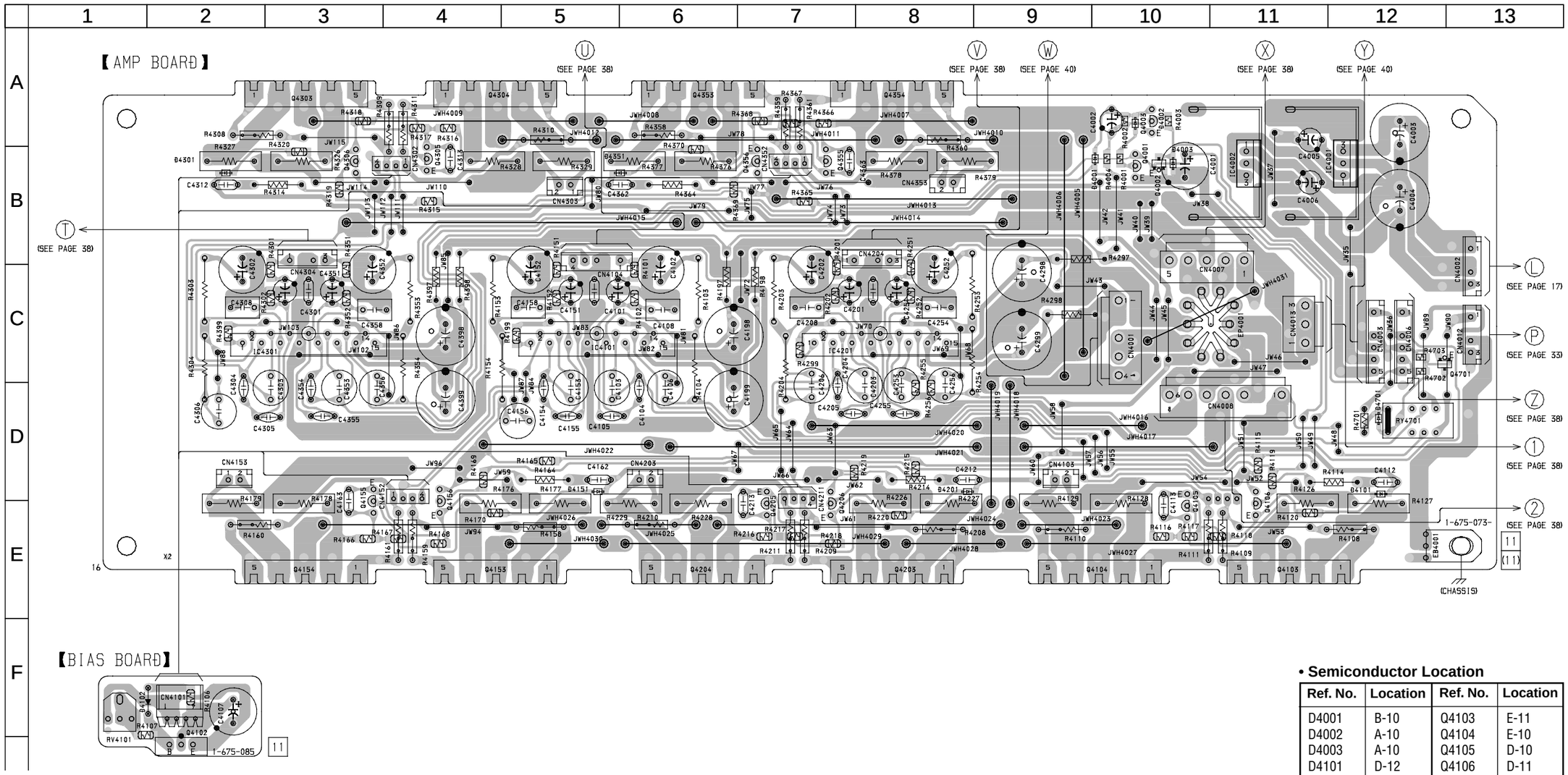


3-22. SCHEMATIC DIAGRAM DIGITAL SECTION(7/7) • See page 7 for Waveform. • See page 20,21 for Printed Wiring Boards. • See page 44 for IC Block Diagrams. • See page 49 for IC Pin Function Description.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

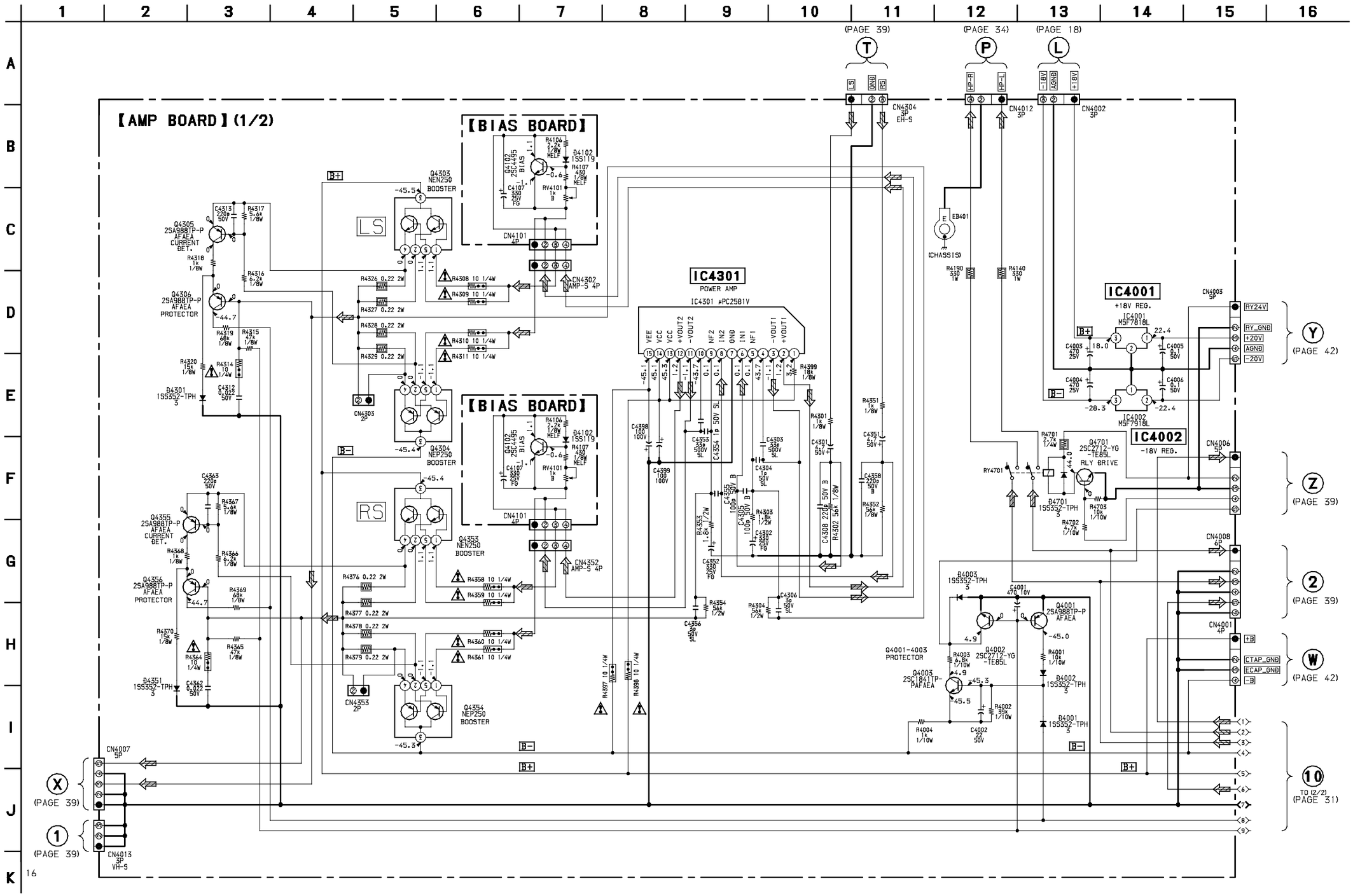
3-23. PRINTED WIRING BOARD AMP SECTION • See page 7 for Circuit Boards Location.



• **Semiconductor Location**

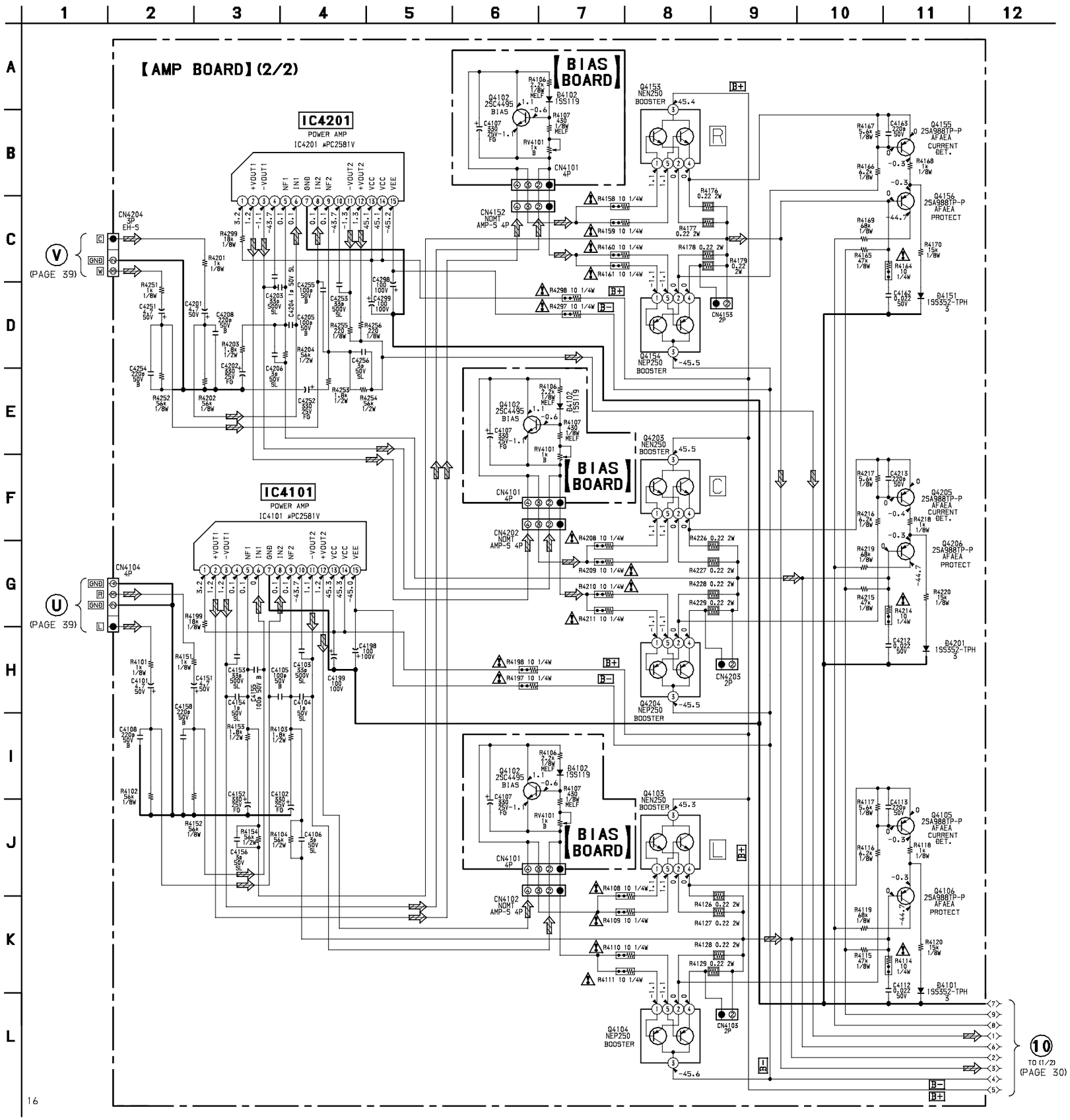
Ref. No.	Location	Ref. No.	Location
D4001	B-10	Q4103	E-11
D4002	A-10	Q4104	E-10
D4003	A-10	Q4105	D-10
D4101	D-12	Q4106	D-11
D4102	F-2	Q4153	E-4
D4151	D-5	Q4154	E-3
D4201	D-8	Q4155	E-3
D4301	B-2	Q4156	E-4
D4351	B-6	Q4203	E-8
D4701	D-12	Q4204	E-6
		Q4205	D-7
IC4001	A-12	Q4206	D-7
IC4002	A-11	Q4303	A-3
IC4101	C-5	Q4304	A-4
IC4201	C-7	Q4305	B-4
IC4301	C-3	Q4306	B-3
		Q4353	A-6
Q4001	A-10	Q4354	A-8
Q4002	A-10	Q4355	B-7
Q4003	A-10	Q4356	B-7
Q4102	F-2	Q4701	C-13

3-24. SCHEMATIC DIAGRAM AMP SECTION(1/2) • See page 29 for Printed Wiring Boards.



The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性．因此只能以规定号码的零部件来更换．

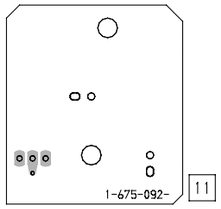
3-25. SCHEMATIC DIAGRAM AMP SECTION(2/2) • See page 29 for Printed Wiring Boards. • See page 45 for IC Block Diagrams.



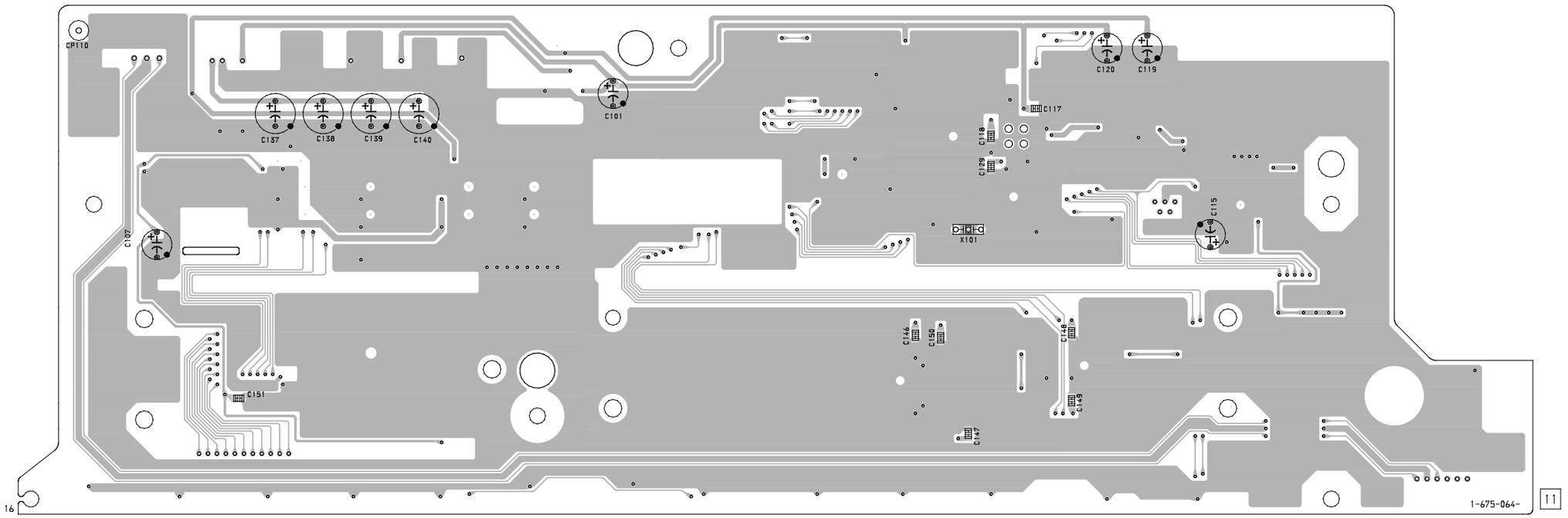
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

3-26. PRINTED WIRING BOARD DISPLAY SECTION(SIDE A) • See page 7 for Circuit Boards Location.

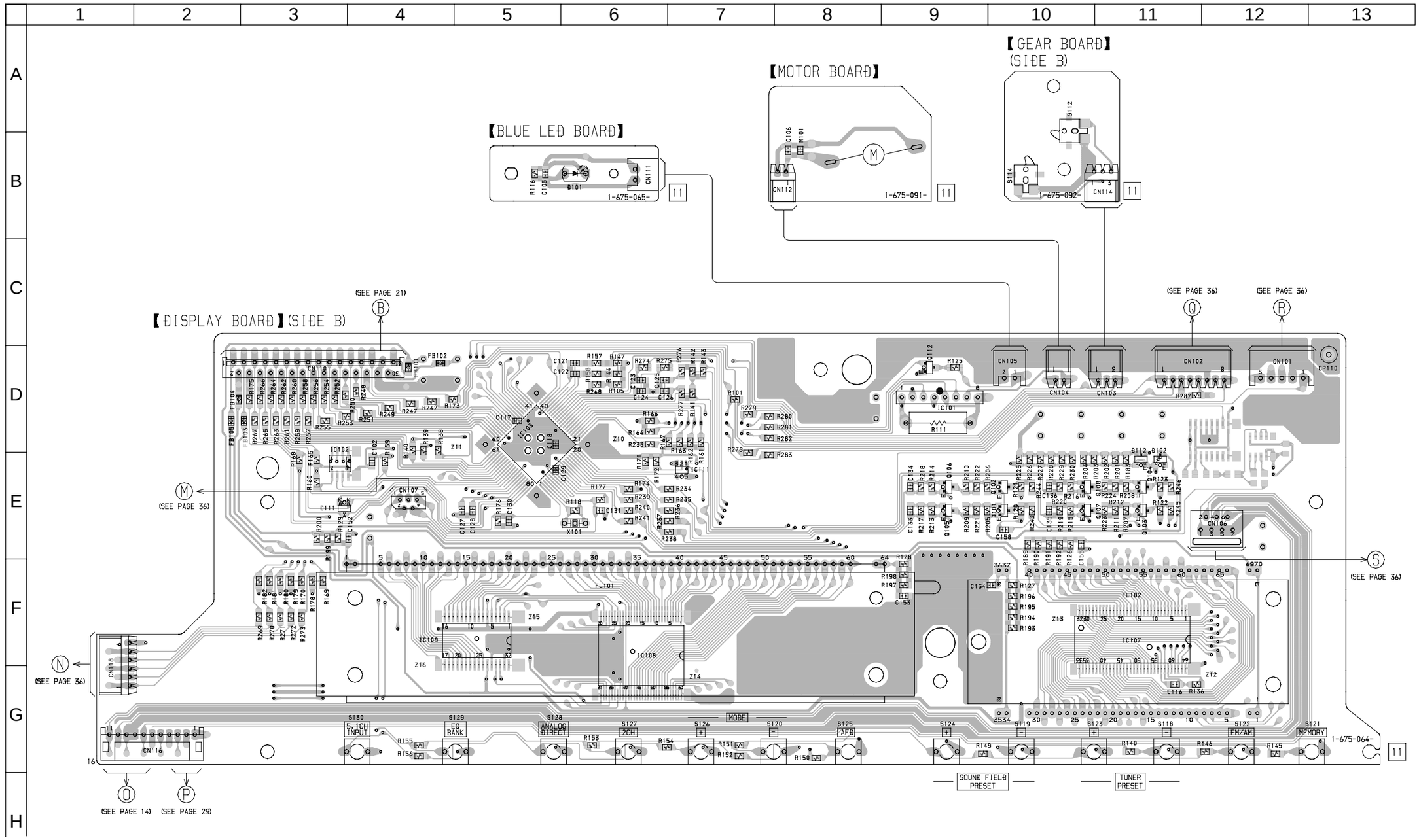
【GEAR BOARD】
(SIDE A)



【DISPLAY BOARD】(SIDE A)



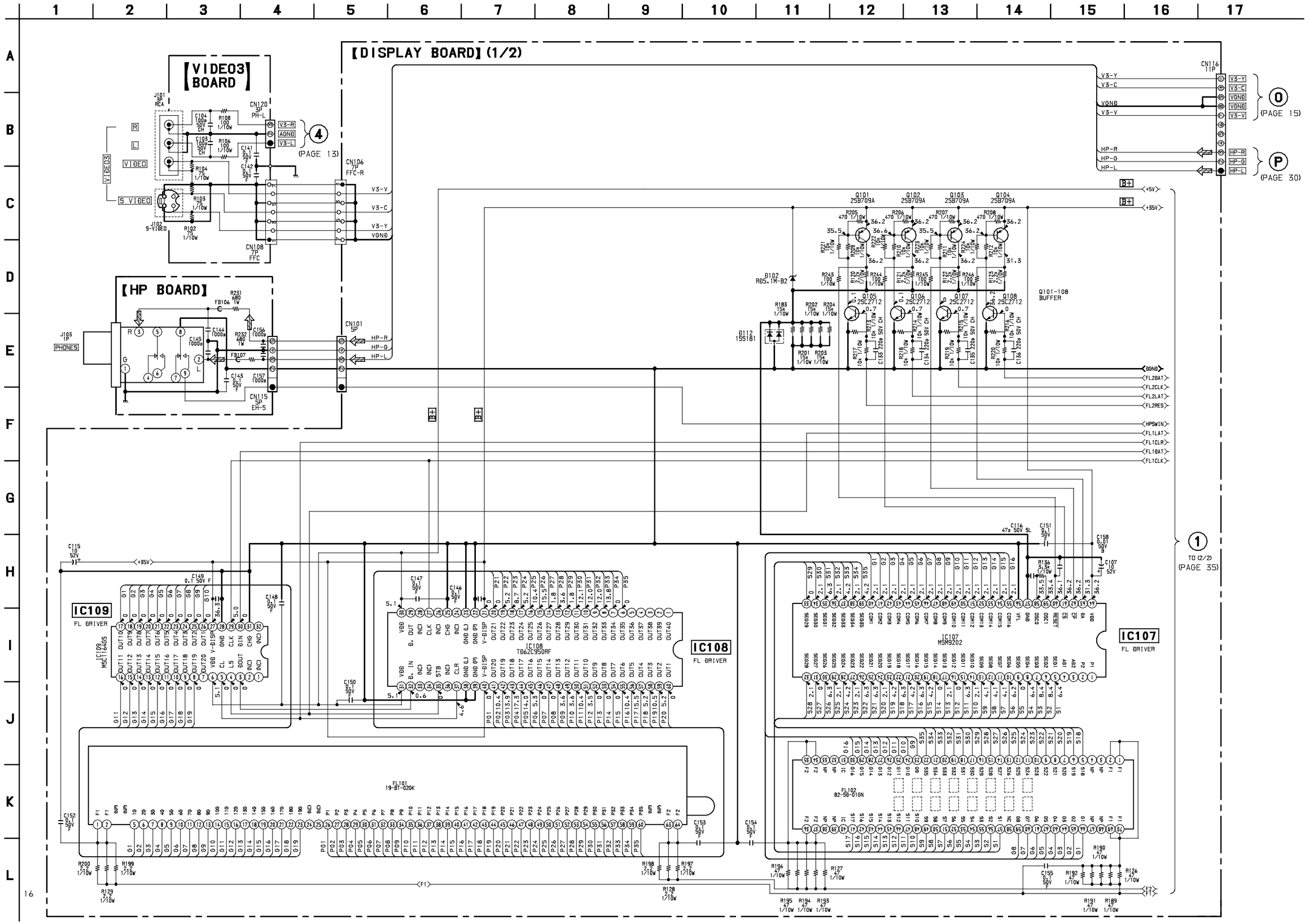
3-27. PRINTED WIRING BOARD DISPLAY SECTION(SIDE B) • See page 7 for Circuit Boards Location.



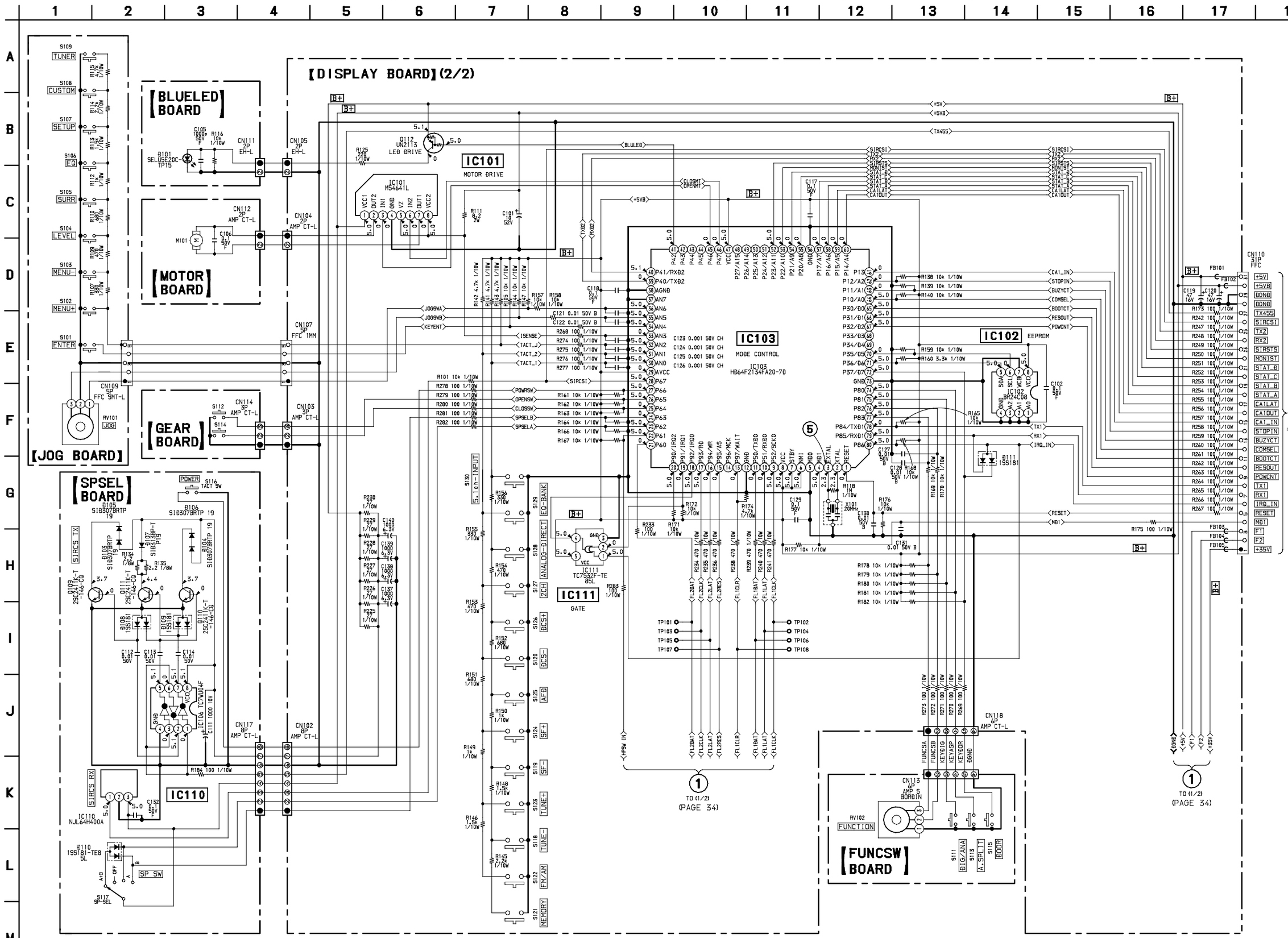
- **Semiconductor Location**

Ref. No.	Location
D101	B-6
D102	D-11
D111	E-3
D112	D-11
IC101	C-9
IC102	D-3
IC103	D-5
IC107	F-11
IC108	F-6
IC109	F-4
IC111	D-7
Q101	D-10
Q102	D-10
Q103	D-11
Q104	D-11
Q105	D-9
Q106	D-9
Q107	D-10
Q108	D-10
Q112	C-9

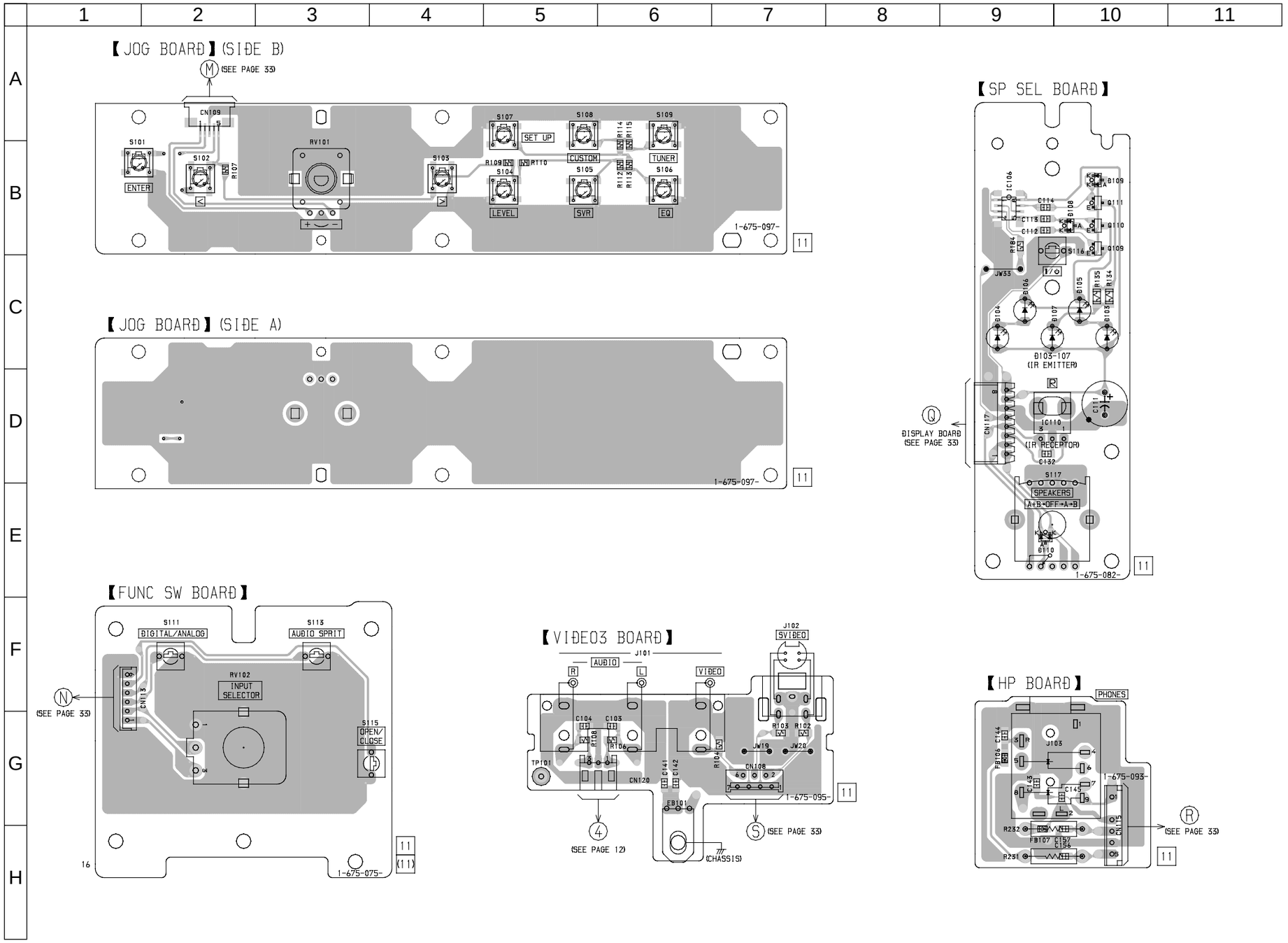
3-28. SCHEMATIC DIAGRAM DISPLAY SECTION(1/2) • See page 32,33,36 for Printed Wiring Boards.



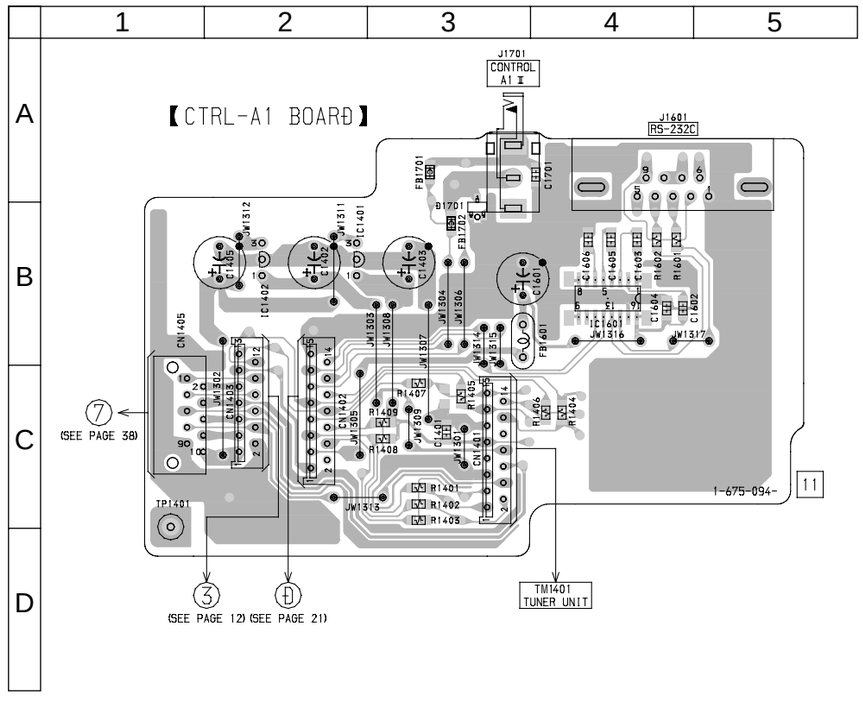
3-29. SCHEMATIC DIAGRAM DISPLAY SECTION(2/2) • See page 7 for Waveform. • See page 32,33,36 for Printed Wiring Boards. • See page 45 for IC Block Diagrams.



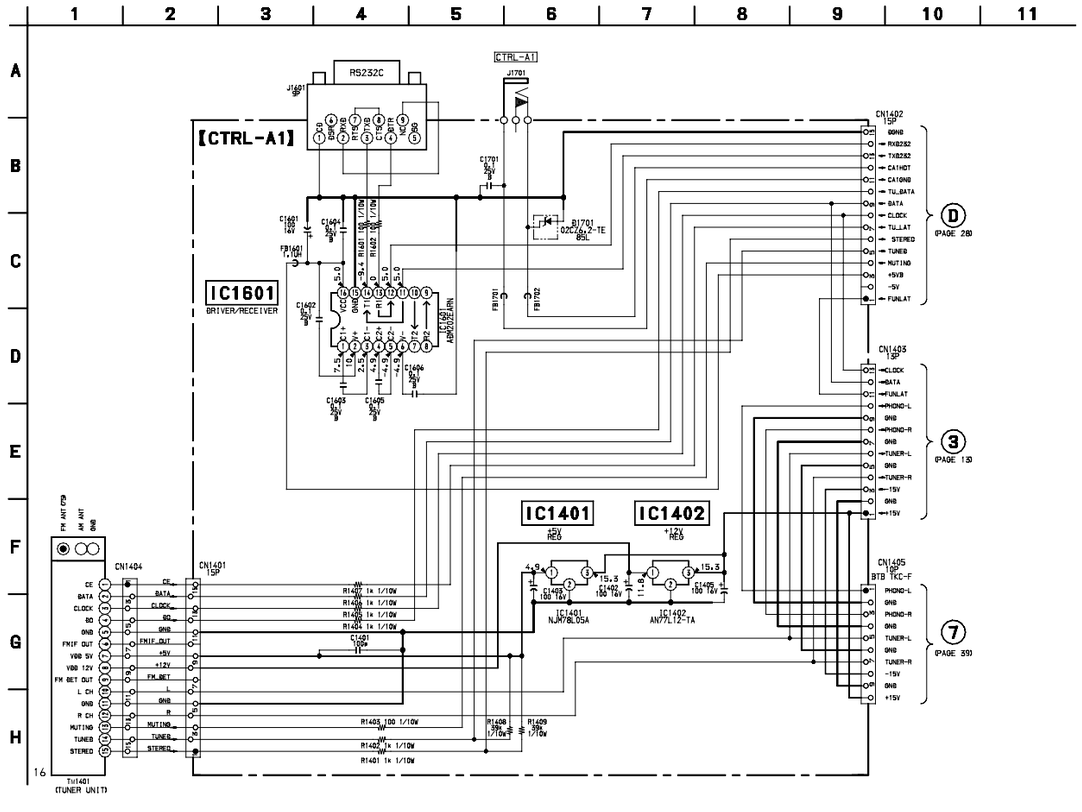
3-30. PRINTED WIRING BOARD SWITCH SECTION • See page 7 for Circuit Boards Location.



3-31. PRINTED WIRING BOARD CONTROL JACK SECTION • See page 7 for Circuit Boards Location.



3-32. SCHEMATIC DIAGRAM CONTROL JACK SECTION • See page 46 for IC Block Diagrams.

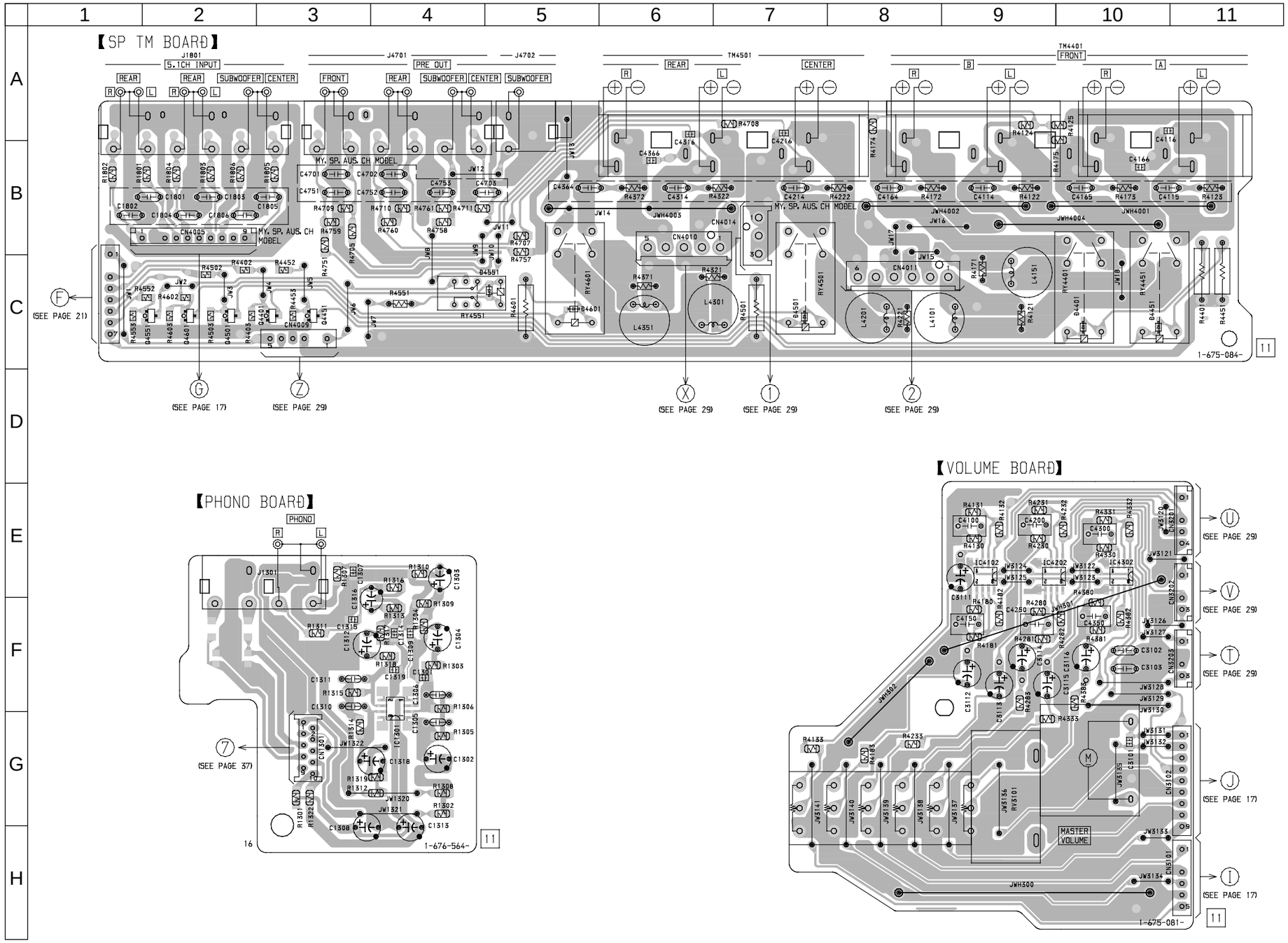


3-33. PRINTED WIRING BOARD SPEAKER TERMINAL SECTION

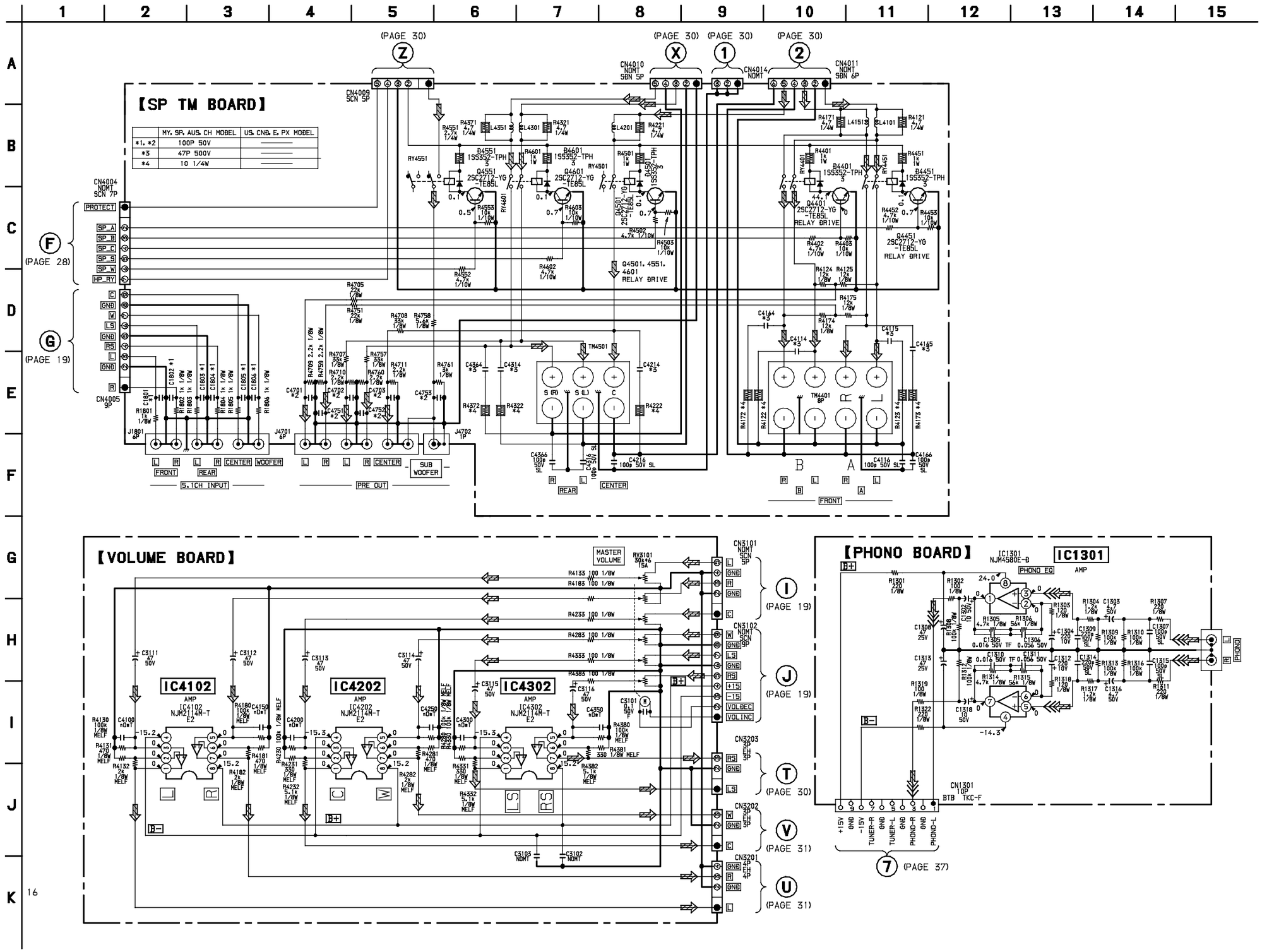
• See page 7 for Circuit Boards Location.

• **Semiconductor Location**

Ref. No.	Location
D4401	C-10
D4451	C-10
D4501	C-7
D4551	C-4
D4601	C-5
IC1301	G-4
IC4102	E-9
IC4202	E-9
IC4302	E-10
Q4401	C-3
Q4451	C-3
Q4501	C-2
Q4551	C-2
Q4601	C-2



3-34. SCHEMATIC DIAGRAM SPEAKER TERMINAL SECTION



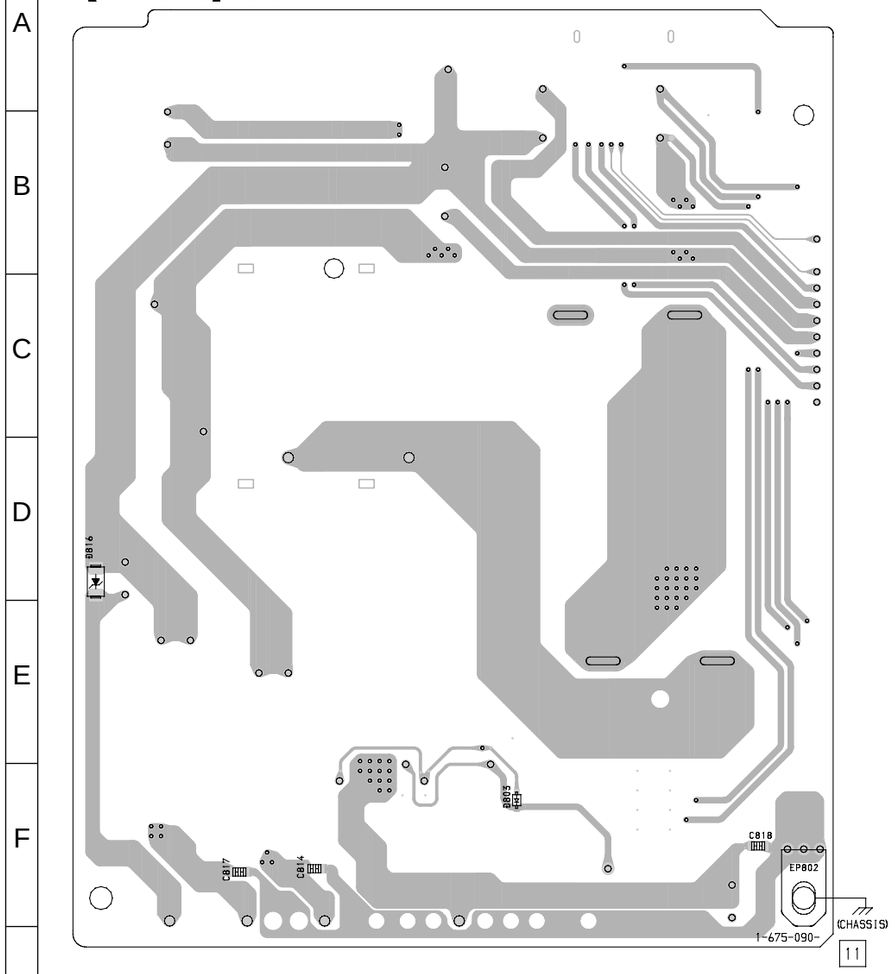
3-35. PRINTED WIRING BOARD POWER SUPPLY SECTION

• See page 7 for Circuit Boards Location.

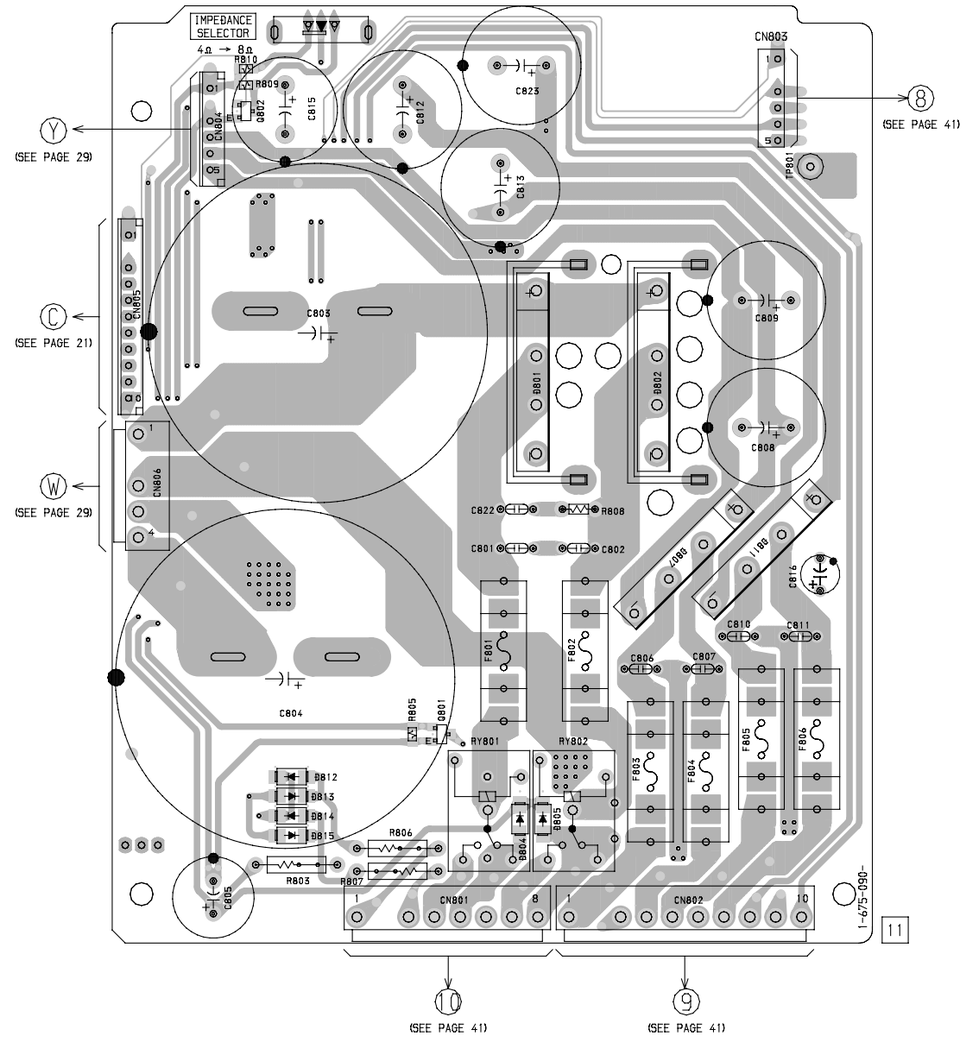
• **Semiconductor Location**

Ref. No.	Location
D801	C-9
D802	C-10
D803	F-4
D804	E-9
D805	E-9
D807	D-10
D811	D-11
D812	F-8
D813	F-8
D814	F-8
D815	F-8
D816	D-1
Q801	E-9
Q802	A-7

【PS BOARD】(SIDE A)

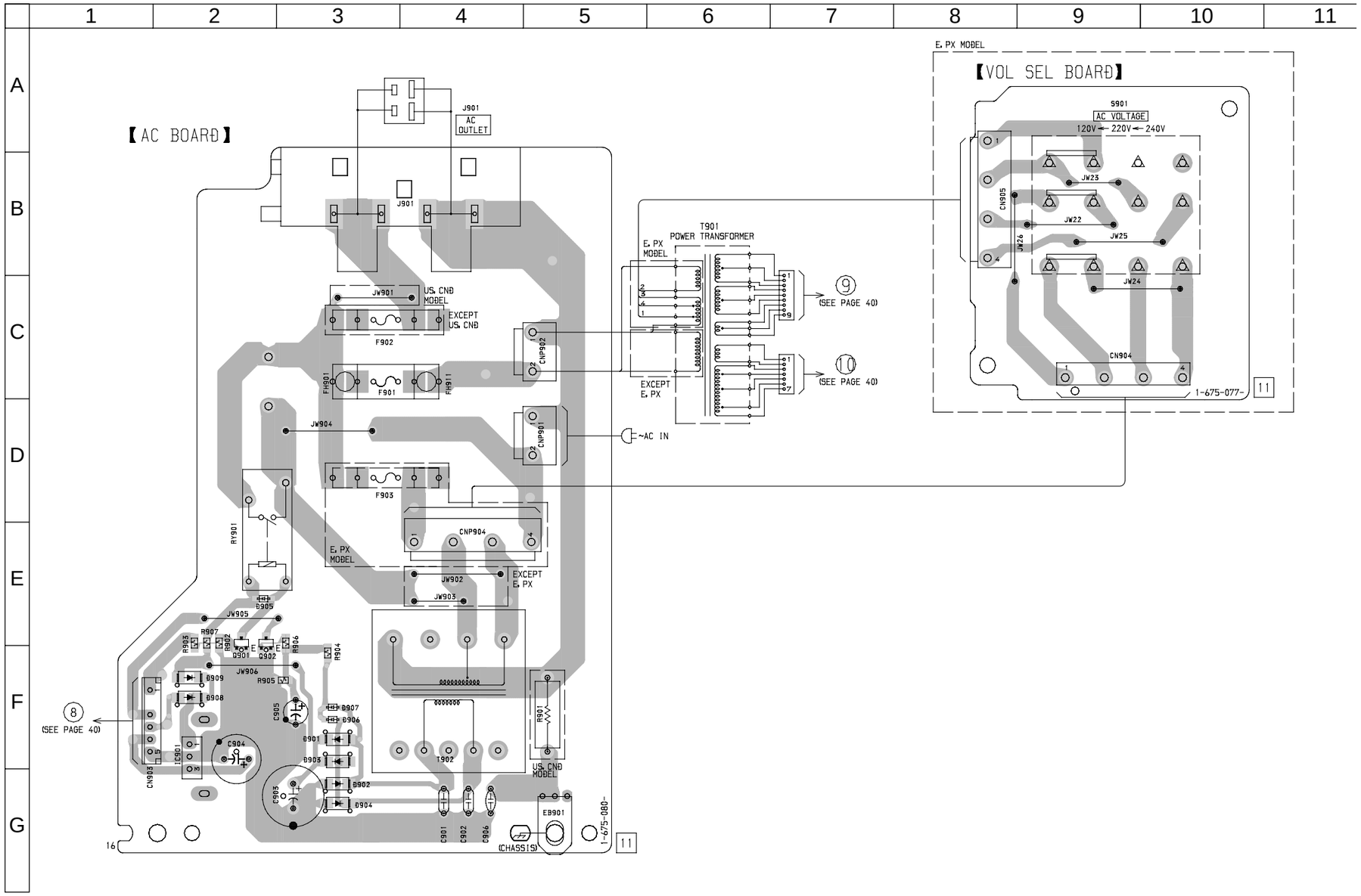


【PS BOARD】(SIDE B)



3-36. PRINTED WIRING BOARD AC POWER SUPPLY SECTION

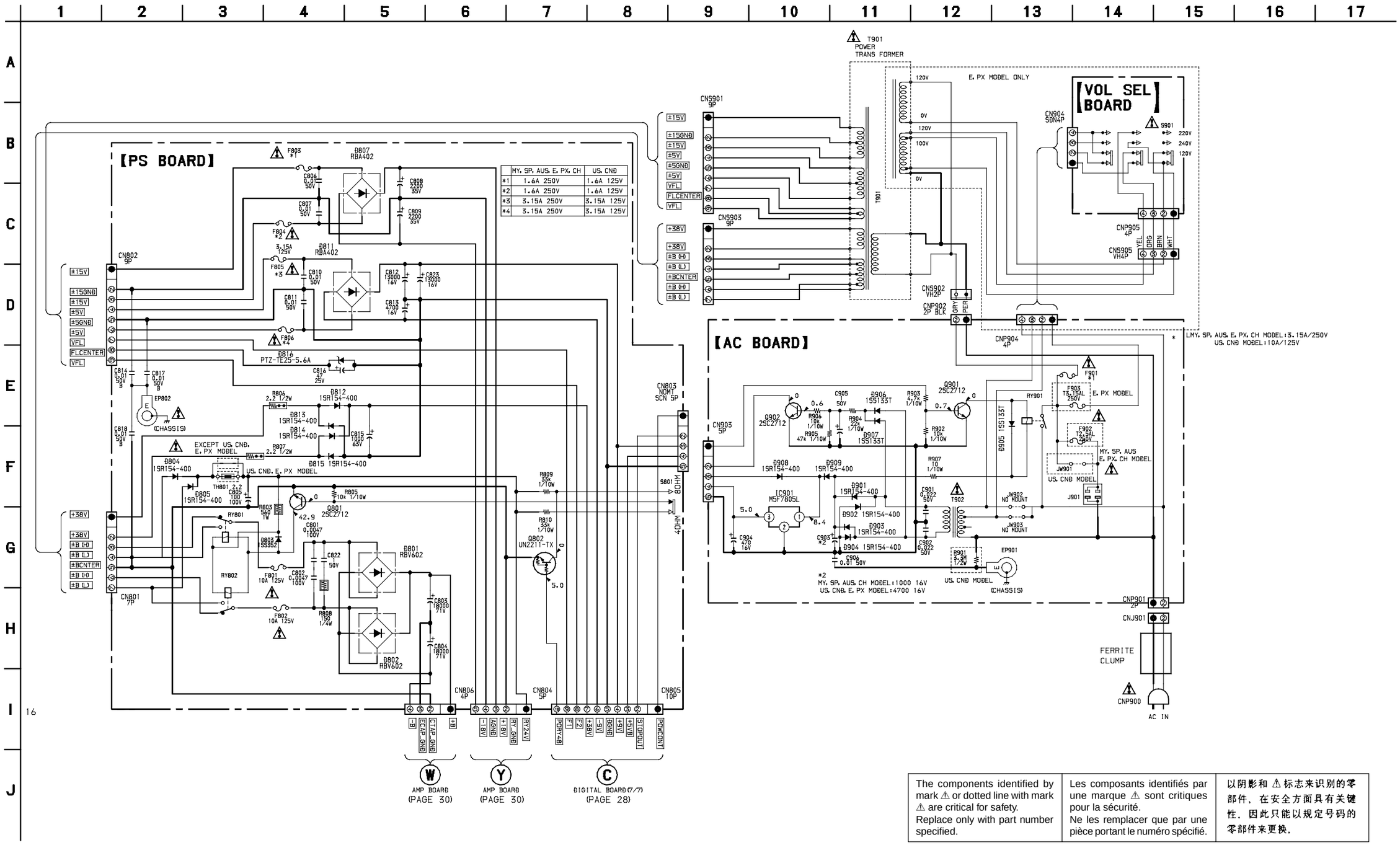
• See page 7 for Circuit Boards Location.



• **Semiconductor Location**

Ref. No.	Location
D901	F-3
D902	F-3
D903	F-3
D904	G-3
D905	E-2
D906	F-3
D907	F-3
D908	F-2
D909	E-2
IC901	F-2
Q901	E-2
Q902	E-2

3-37. SCHEMATIC DIAGRAM POWER SUPPLY SECTION • See page 40,41 for Printed Wiring Boards.

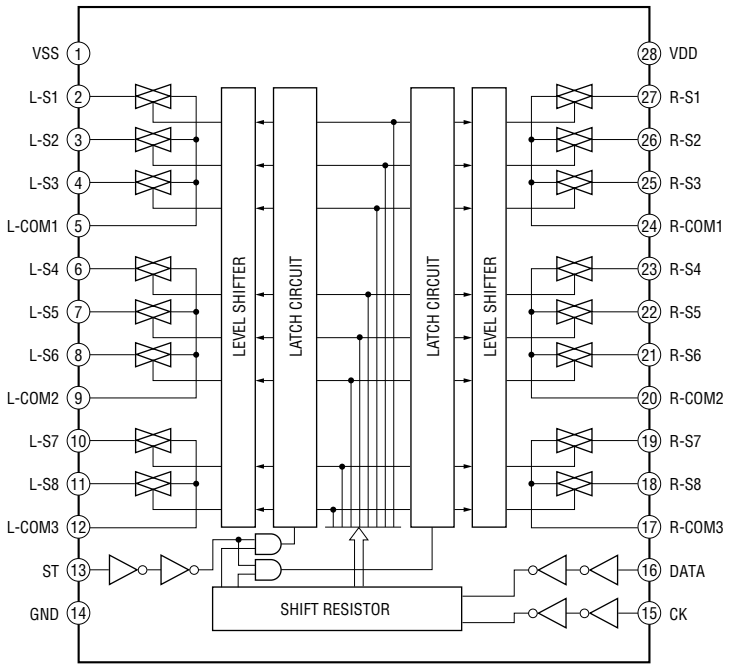


	MY, SP, AUS, E, PX, CH	US, CNB
*1	1.6A 250V	1.6A 125V
*2	1.6A 250V	1.6A 125V
*3	3.15A 250V	3.15A 125V
*4	3.15A 250V	3.15A 125V

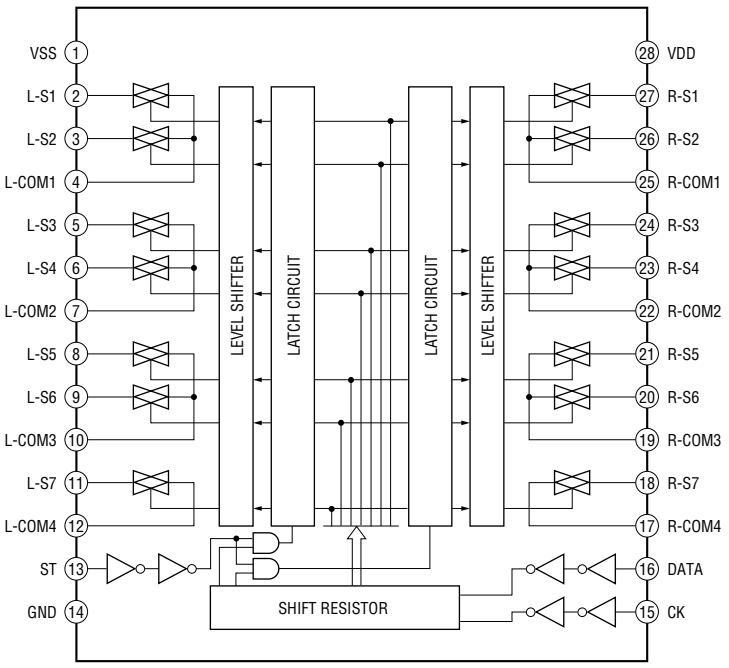
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

3-38. IC BLOCK DIAGRAMS

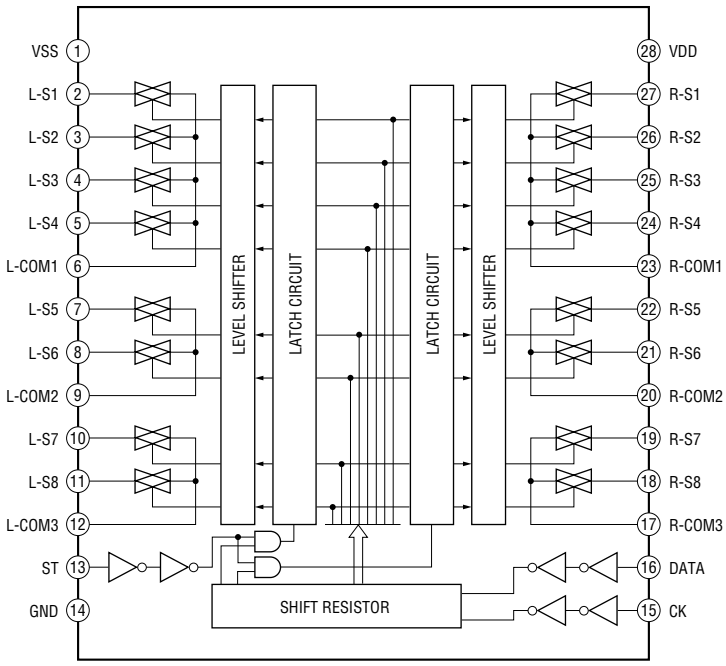
IC1101 TC9163F (AUDIO A board)
IC2306 TC9163F (E VOL board)



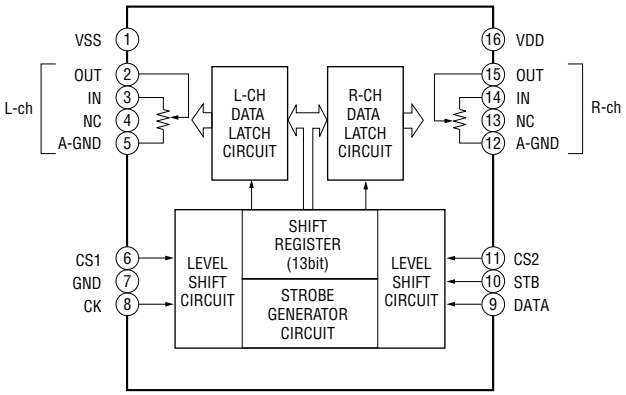
IC1102 TC9162AF (AUDIO A board)
IC2305 TC9162AN (E VOL board)



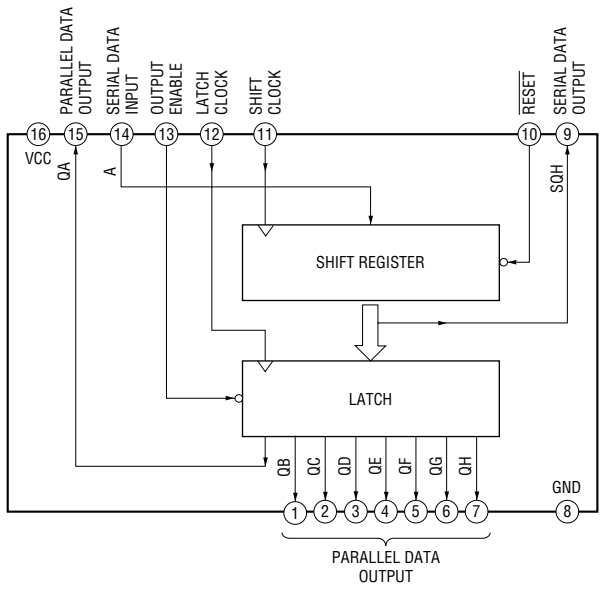
IC1201 TC9164AN (AUDIO V board)



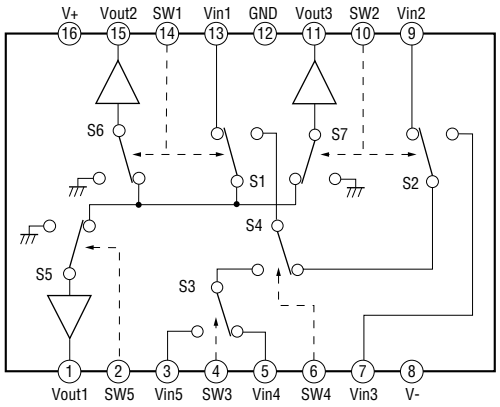
IC2401, 2501 TC9299P (E VOL board)



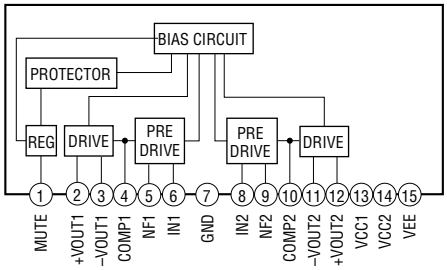
IC2307, 2308 MC74HC595A (E VOL board)
IC5203 74HC595 (S VIDEO board)
IC317 TC74HC595A (DIGITAL board)



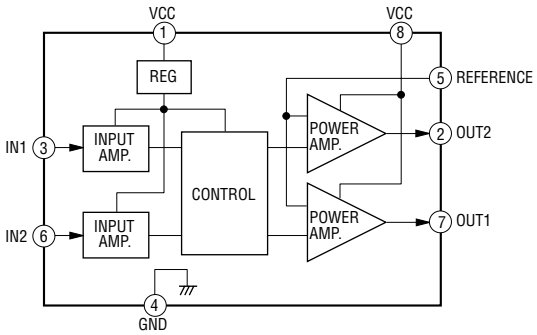
IC5201, 5202 NJM2296 (S VIDEO board)
IC5101 NJM2296 (C VIDEO board)



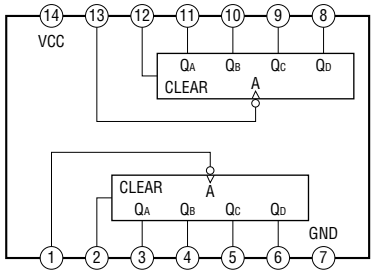
IC4101, 4201, µPC2581v (AMP board)



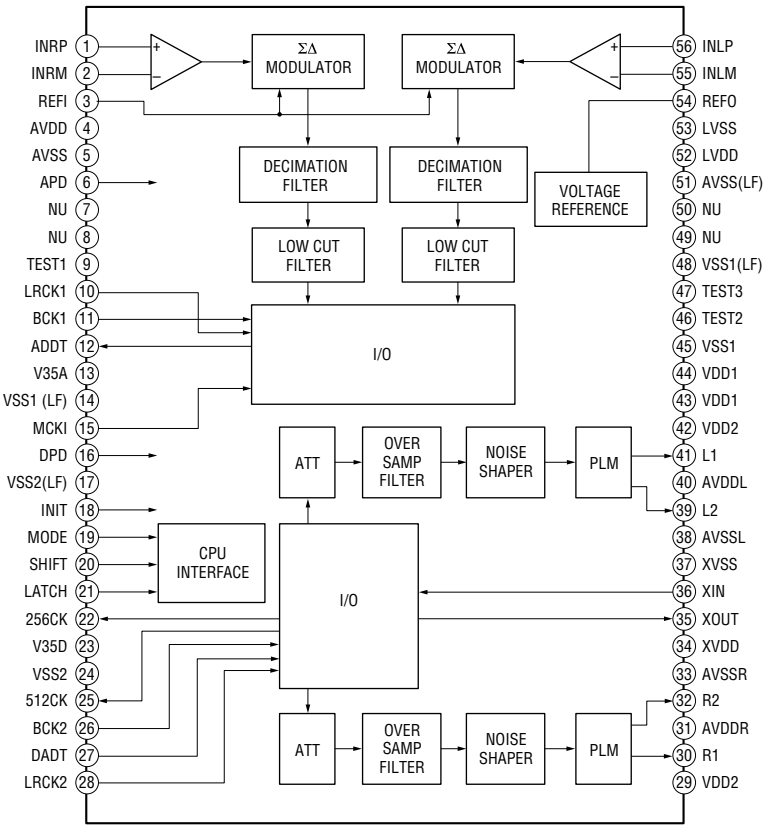
IC101 M54641L (DISPLAY board)



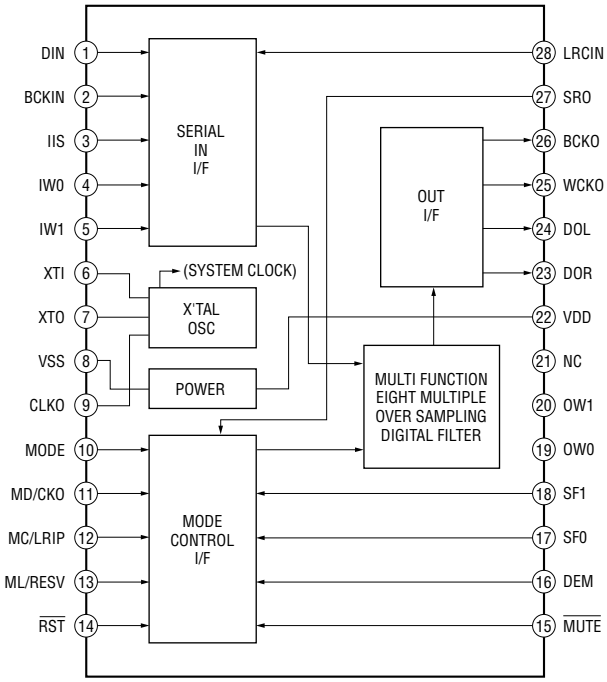
IC336, 362 TC74HC393A (DIGITAL board)



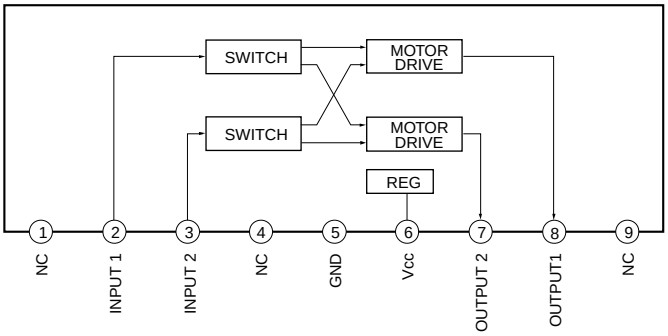
IC307 CXD8607N (DIGITAL board)



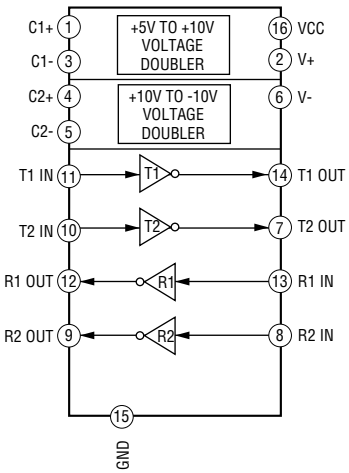
IC338, 339, 340 DF1704E (DIGITAL board)



IC333 BA6208F (DIGITAL board)



IC1601 ADM202EARN (CTRL A1 board)



3-39. IC PIN FUNCTION DESCRIPTION

IC347, 348 CXD2712R AUDIO DSP(DIGITAL BOARD)

Pin No.	Pin Name	I/O	Description
1	VSS3	—	Ground
2 – 5	SOA – SOD	O	Serial data output
6, 7	ECJ0, ECJ1	I	Conditional jump input terminal (7pin Connected to ground)
8	—	NC	No connection
9	XHDWR	I	HCIF data write
10	XHDRD	I	HCIF data read
11	VSS4	—	Ground
12	VDD2	—	+3.3V
13	HRDY	O	HCIF ready signal Open drain
14	XHDCS	I	HCIF chip select
15	HA0	I	HCIF address input
16 – 20	HD0 – HD4	I/O	HCIF data input/output
21	VSS5	—	Ground
22	VDD3	—	+3.3V
23 – 25	HD5 – HD7	I/O	HCIF data input/output
26	XRST	I	Reset input “L”: active
27 – 30	FGP0 – FGP3	O	Test data output
31	VSS6	—	Ground
32 – 40	ED0 – ED8	I/O	External RAM data input/output
41	VSS7	—	Ground
42	VDD4	—	+3.3V
43 – 49	ED9 – ED15	I/O	External RAM data input/output
50	TSTD	I	Test data input “L” = normal “H” = test (Connected to ground)
51	VSS8	—	Ground
52	VDD5	—	+3.3V
53 – 60	ED16 – ED23	I/O	External RAM data input/output
61	VSS9	—	Ground
62 – 69	ED24 – ED31	I/O	External RAM data input/output
70	XOE	O	External RAM output enable
71	VSS10	—	Ground
72	VDD6	—	+3.3V
73	CAS	O	External RAM column address strobe (Not used)
74	XWE	O	External RAM write enable (Not used)
75	RAS	O	External RAM raw address strobe
76 – 80	EA0 – EA4	I/O	External RAM address output/test data input
81	VSS11	—	Ground
82	VDD7	—	+3.3V
83 –89	EA5 – EA11	I/O	External RAM address output/test data input
90	EA12	O	External RAM address output

Pin No.	Pin Name	I/O	Description
91	VSS0	—	Ground
92 – 94	EA13 – EA15	O	External RAM address output
95	EA16	O	Not used
96	TSTA	I	Test data input “L” = normal “H” = test (Connecting to ground)
97	PLDIVF	I	PLL input frequency select “L” = 256Fs “H” = 128Fs (Connecting to ground)
98	PLDIVB	O	PLL output frequency select “L” = 768Fs “H” = 1024Fs (Connecting to ground)
99	CLKI	I	Master clock input
100	CLKO	O	Master clock output (Not used)
101	VSS1	—	Ground
102	VDD0	—	+3.3V
103	AVSS	—	Ground for PLL cell
104	AVDD	—	VDD for PLL cell
105	PLLCK	I/O	PLL output/test clock input
106	XPLLEN	I	PLL cell oscillation enable “L” oscillation enable “H” oscillation stop (Connecting to ground)
107	TST	I	Test data input “L” = normal “H” = test (Connecting to ground)
108	LRCT	I	Frequency counter input (Connecting to ground)
109	LROUT	O	LRCK0 divider output
110	BKOUT	O	BCK0 divider output
111	VSS2	—	Ground
112	VDD1	—	+3.3V
113	BCK0	I	BCK input
114	BCK1	I	BCK input
115	LRCK0	I	LRCK input
116	LRCK1	I	LRCK input
117 – 120	SIA – SID	I	Serial data input

IC357 HD64F2134FA20-777C (Control μCOM port assign) (DIGITAL BOARD)

Pin No.	Pin Name	I/O	Function
1	RESET	I	Reset
2	XTAL	I	20MHz master clock
3	EXTAL	O	20MHz master clock
4	MD1	I	1: normal/0:boot
5	MD0	I	Ground
6	NMI	I	Ground
7	STBY	I	+5V
8	VCC	—	+5V
9	P52/SCK0	I	C-bit input clock
10	P51/RXD0	I	C-bit input data
11	P50/TXD0	O	Latch No.7 (“L” → “H” : latch)
12	GND	—	Ground
13	P97/WAIT	I	Ready
14	P96/MCK	I	(NC)
15	P95/AS	O	Latch No.6 (“L” → “H” : latch)
16	P94/WR	O	WR
17	P93/RD	O	RD
18	P92/IRQ0	O	Latch No.5 (“L” → “H” : latch)
19	P91/IRQ1	O	Latch No.4 (“L” → “H” : latch)
20	P90/IRQ2	O	CXD2712#1 CS (“H” = select)
21	P60	O	CXD2712#2 CS (“H” = select)
22	P61	O	CXD2712RD (“H” = read)
23	P62	O	CXD2712WR (“H” = write)
24	P63	O	Latch No.3 (“L” → “H” : latch)
25	P64	I	Buzy control port
26	P65	O	Latch No.2 (“H” : transparent)
27	P66	O	Latch No.1 (“H” : transparent)
28	P67	O	Latch No.1 to No. 7 OE (“L” = on)
29	AVCC	—	+5V
30	AN0	I	DC analog input
31	AN1	I	HP sw input (“L” = HP on)
32	AN2	I	AC-3 RF error (“H“ = error)
33	AN3	I	DIR unlock (“H“ = error)
34	AN4	I	ADSP21062 FLAG0
35	AN5	I	ADSP21062 FLAG1
36	AN6	I	ADSP21062 FLAG2
37	AN7	I	ADSP21062 FLAG3
38	AGND	—	Ground
39	P40/TXD2	O	8bit bus data (positive)
40	P41/RXD2	O	8bit bus data (positive)
41	P42	O	8bit bus data (positive)
42	P43	O	8bit bus data (positive)
43	P44	O	8bit bus data (positive)
44	P45	O	8bit bus data (positive)
45	P46	O	8bit bus data (positive)
46	P47	O	8bit bus data (positive)
47	VCC	—	+5V
48	P27/A15	O	Bus address A15
49	P26/A14	O	Bus address A14
50	P25/A13	O	Bus address A13

Pin No.	Pin Name	I/O	Function
51	P24/A12	O	Bus address A12
52	P23/A11	O	Bus address A11
53	P22/A10	O	Bus address A10
54	P21/A9	O	Bus address A9
55	P20/A8	O	Bus address A8
56	GND	—	Ground
57	P17/A7	O	Bus address A7
58	P16/A6	O	Bus address A6
59	P15/A5	O	Bus address A5
60	P14/A4	O	Bus address A4
61	P13	O	Bus address A3
62	P12/A2	O	Bus address A2
63	P11/A1	O	Bus address A1
64	P10/A0	O	Bus address A0
65	P30/D0	O	Bus data D0
66	P31/D1	O	Bus data D1
67	P32/D2	O	Bus data D2
68	P33/D3	O	Bus data D3
69	P34/D4	O	Bus data D4
70	P35/D5	O	Bus data D5
71	P36/D6	O	Bus data D6
72	P37/D7	O	Bus data D7
73	GND	—	Ground
74	P80	O	HBR for ADSP21062
75	P81	I	HBG from ADSP21062
76	P82	O	(NC)
77	P83	O	(NC)
78	P84/TXD1	O	Communicate with external
79	P85/RXD1	I	Communicate with external
80	P86	I	FS (sampling frequency)

IC349 LC89055W DIGITAL AUDIO I/F RECEIVER (DIGITAL BOARD)

Pin No.	Pin Name	I/O	Description
1	DISEL	I	Input data select. (connected to ground.)
2	DOUT	O	EIAJ data and parity flag output terminal (Not used)
3	DIN0	I	Amplifier integrate data input terminal
4	DIN1	O	Amplifier integrate data input terminal (Connecting to ground)
5	DIN2	I	Amplifier integrate data input terminal (Connecting to ground)
6	D. GND	—	Digital ground
7	D. VDD	O	Digital power supply
8	R	I	Input terminal for VCO generator band adjustment
9	V IN	I	Input terminal for VCO self running frequency set
10	LPF	O	External LPF for PLL is connected to this terminal
11	A. VDD	—	Analog power supply
12	A. GND	—	Analog ground
13	CK OUT	—	256fs or 128fs clock output terminal (Select CLKMD terminal)
14	BCK	O	Bit clock output terminal
15	LRCK	O	L, R clock output terminal (L-ch: “H”, R-ch: “L”)
16	DATA O	O	Audio data output terminal
17	XSTATE	O	Xtal status frag output.
18	D. GND	—	Digital ground
19	D. VDD	—	Digital power supply
20	XMCK	—	Not used.
21	XOUT	O	Crystal oscillator output terminal (Not used.)
22	XIN	I	Crystal oscillator input terminal
23	EMPHA	O	Emphasis monitor output terminal (“H” = ON) (Not used.)
24	AUDIO	—	Not used.
25	CSFLAG	O	C-bit change frag output.
26	F0/P0/C0	—	Not used.
27	F1/P1/C1	—	Not used.
28	F2/P2/C2	—	Not used.
29	F3/P3/C3	—	Not used.
30	D. VDD	—	Digital power supply
31	D. GND	—	Digital ground
32	AUTO	O	Non PCM data detect flag output.
33	BPSYNC	O	Non PCM sync detect flag output.
34	ERROR	O	Error mute output terminal
35	DO	O	Microprocessor I/F. When CCB/$\overline{\text{SUB}}$ is “H”, data output terminal (high level open drain output) (Not used)
36	DI	I	Microprocessor I/F. Data input terminal
37	CE	I	Microprocessor I/F. Chip enable/latch input terminal
38	CLK	I	Microprocessor I/F. Clock input terminal
39	XSEL	I	Xtal select. (Connected to +5V.)
40	MODE0	I	Mode 0 input. (Connected to ground.)
41	MODE1	I	Mode 1 input. (Connected to ground.)
42	D. GND	—	Digital ground
43	D. VDD	—	Digital power supply
44	DOSEL0	O	Output data select 0. (Connected to ground.)
45	DOSEL1	O	Output data select 1. (Connected to ground.)
46	CKSEL0	I	System clock select input 0. (Connected to ground.)
47	CKSEL1	I	System clock select input 1. (Connected to ground.)
48	XMODE	I	Reset input.

SECTION 4
EXPLODED VIEWS

NOTE:

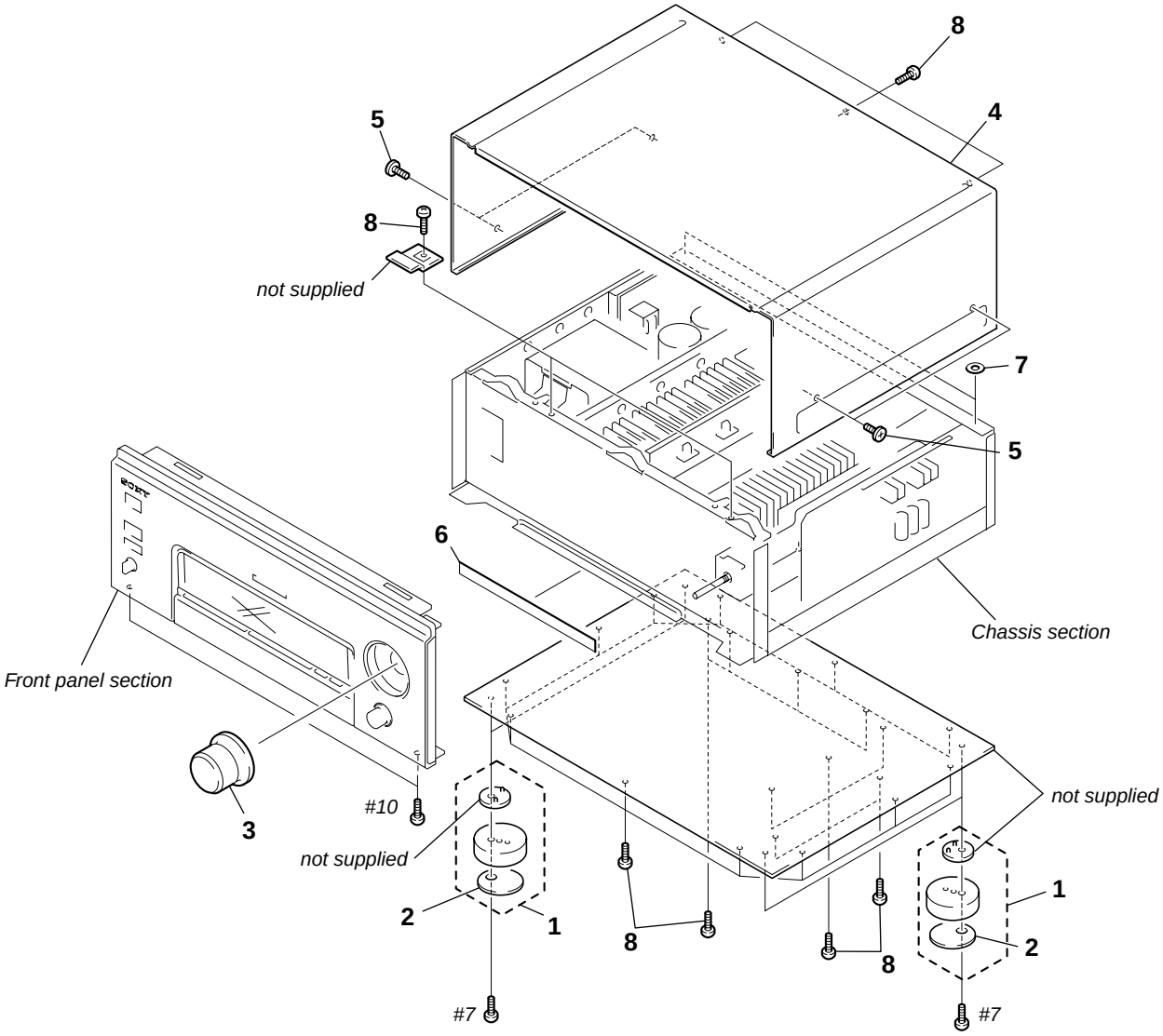
- -XX, -X mean standardized parts, so they may have some differences from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.
- Abbreviation
  CND : Canadian model
  AUS : Australian model
  MY : Malaysia model
  SP : Singapore model
  CH : Chinese model

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

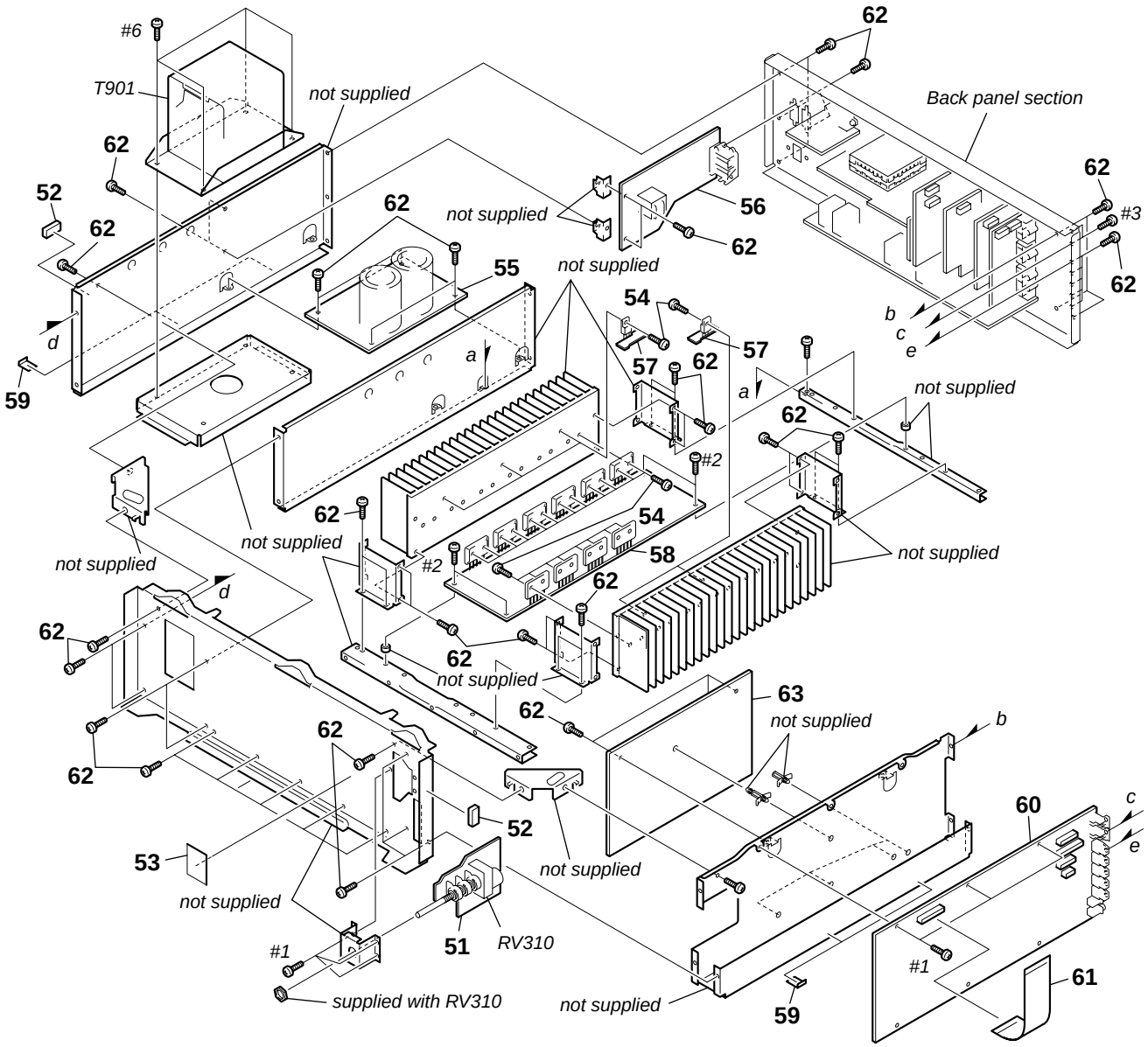
4-1. CASE SECTION



Ref. No.	Part No.	Description	Remarks
1	X-4949-759-1	FOOT ASSY	
2	4-970-124-01	CUSHION (F50180S)	
3	X-4951-896-1	KNOB(VOL) ASSY(US,CND,E,PX)	
3	X-4951-908-1	KNOB(VOL) ASSY(MY,SP,AUS,CH)	
4	4-222-052-01	CASE(US,CND,E,PX)	
4	4-222-052-11	CASE(MY,SP,AUS,CH)	

Ref. No.	Part No.	Description	Remarks
5	4-227-843-01	SCREW(TP), FLAT HEAD(US,CND,E,PX)	
5	4-227-843-11	SCREW(TP), FLAT HEAD(MY,SP,AUS,CH)	
6	4-972-439-11	SPACER (SCREW HEAD)	
7	4-971-099-01	WASHER (P)	
8	4-974-510-01	SCREW(+BV 3X8 CU)	

4-2. CHASSIS SECTION

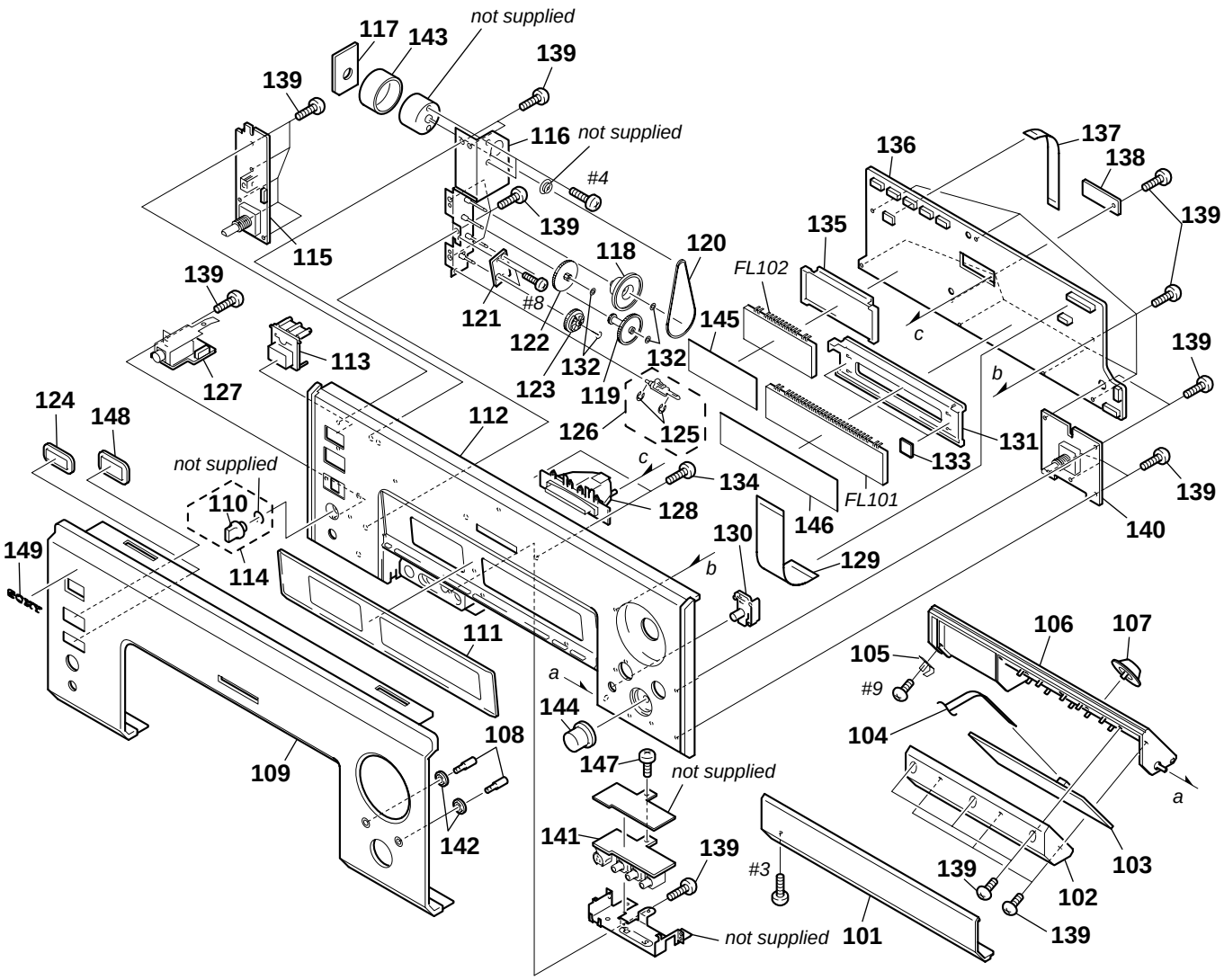


Ref. No.	Part No.	Description	Remarks
51	1-675-081-11	VOLUME BOARD	
52	3-313-227-01	SPACER, CUSHION	
53	4-225-421-01	SHEET (SC)	
54	3-905-609-21	SCREW (TRANSISTOR)	
55	A-4426-477-A	PS BOARD, COMPLETE(US,CND,E,PX)	
55	A-4426-479-A	PS BOARD, COMPLETE(MY,SP,AUS,CH)	
56	A-4426-460-A	AC BOARD, COMPLETE(US,CND)	
56	A-4426-461-A	AC BOARD, COMPLETE(E,PX)	
56	A-4426-462-A	AC BOARD, COMPLETE(MY,SP,AUS)	
56	A-4426-463-A	AC BOARD, COMPLETE(CH)	
57	1-675-085-11	BIAS BOARD	
58	A-4426-446-A	AMP BOARD, COMPLETE(US,CND,E,PX)	

Ref. No.	Part No.	Description	Remarks
58	A-4426-447-A	AMP BOARD, COMPLETE(MY,SP,AUS,CH)	
59	4-227-879-01	SPACER (BTM)	
60	A-4426-434-A	DIGITAL BOARD, COMPLETE(US,CND)	
60	A-4426-435-A	DIGITAL BOARD, COMPLETE(E,PX)	
60	A-4426-436-A	DIGITAL BOARD, COMPLETE(MY,SP,AUS)	
60	A-4426-994-A	DIGITAL BOARD, COMPLETE(CH)	
61	1-773-279-11	WIRE (FLAT TYPE) (29 CORE)	
62	4-974-510-01	SCREW (+BV 3X8 CU)	
63	A-4426-459-A	E VOL BOARD, COMPLETE	
⚠T901	1-435-094-11	TRANSFORMER, POWER(US)	
⚠T901	1-435-095-11	TRANSFORMER, POWER(E,PX)	
⚠T901	1-435-096-11	TRANSFORMER, POWER(MY,SP,AUS,CH)	
⚠T901	1-435-251-11	TRANSFORMER, POWER(CND)	

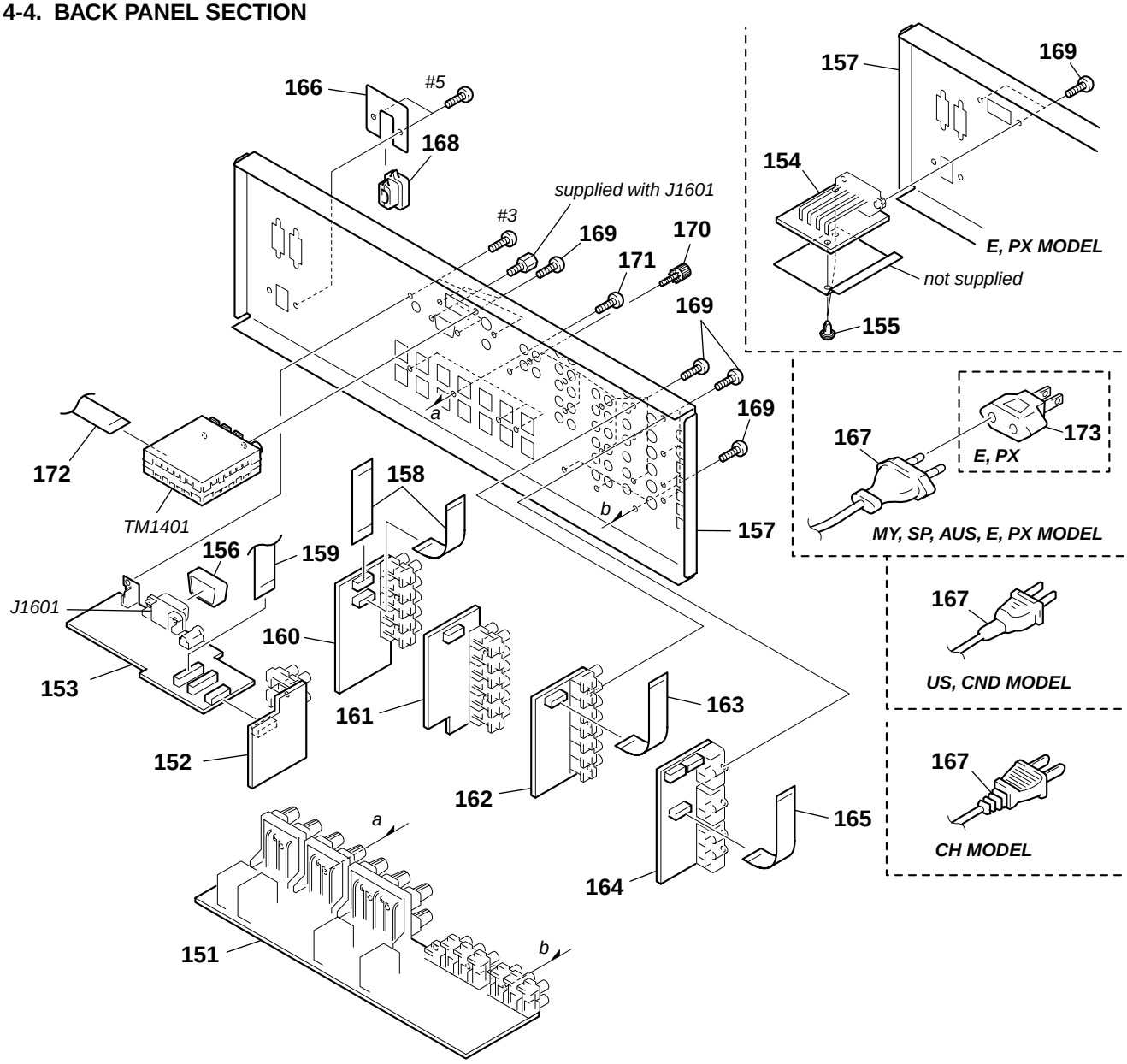
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

4-3. FRONT PANEL SECTION



Ref. No.	Part No.	Description	Remarks
101	4-222-034-01	LID(AL)(US,CND,E,PX)	
101	4-222-034-11	LID(AL)(MY,SP,AUS)	
101	4-222-034-21	LID(AL)(CH)	
102	4-222-044-01	LID(BASE)(US,CND,E,PX)	
102	4-222-044-11	LID(BASE)(MY,SP,AUS,CH)	
103	1-675-097-11	JOG BOARD	
104	1-791-939-11	CABLE, FLEXIBLE FLAT (5P)	
105	4-222-065-01	BRACKET (LID)	
106	X-4951-897-1	LID(MD) ASSY(US,CND,E,PX)	
106	X-4951-909-1	LID(MD) ASSY(MY,SP,AUS,CH)	
107	4-222-048-01	KNOB(JOG)(US,CND,E,PX)	
107	4-222-048-11	KNOB(JOG)(MY,SP,AUS,CH)	
108	4-211-455-01	BUTTON (LED)	
109	4-222-033-01	PANEL, FRONT(US,CND)	
109	4-222-033-11	PANEL, FRONT(E,PX)	
109	4-222-033-21	PANEL, FRONT(MY,SP,AUS)	
109	4-222-033-31	PANEL, FRONT(CH)	
110	4-908-097-21	KNOB(US,CND,E,PX)	
110	4-908-097-71	KNOB(MY,SP,AUS,CH)	
111	4-222-151-01	WINDOW(US,CND,E,PX)	
111	4-222-151-11	WINDOW(MY,SP,AUS,CH)	
112	X-4952-332-1	BASE ASSY, PANEL(US,CND,E,PX)	
112	X-4952-333-1	BASE ASSY, PANEL(MY,SP,AUS,CH)	
113	4-998-737-01	BUTTON (POWER)(MY,SP,AUS,CH)	
113	4-998-737-11	BUTTON (POWER)(US,CND,E,PX)	
114	X-4943-846-1	KNOB ASSY (B)(US,CND,E,PX)	
114	X-4952-010-1	KNOB(N) ASSY(MY,SP,AUS,CH)	
115	1-675-082-11	SP SEL BOARD	
116	X-4951-893-1	BRACKET (GEAR) ASSY	
117	1-675-091-11	MOTOR BOARD	
118	4-222-068-01	PULLEY (GEAR)	
119	4-222-070-01	GEAR(B)	
120	4-222-150-01	BELT	
121	1-675-092-11	GEAR BOARD	
122	4-222-069-01	GEAR(A)	
123	4-222-071-01	GEAR(C)	
124	4-222-040-01	WINDOW, RAY CATCHER(US,CND,E,PX)	
124	4-222-040-11	WINDOW, RAY CATCHER(MY,SP,AUS,CH)	
125	7-624-106-04	STOP RING 3.0, TYPE -E	
126	X-4951-895-1	GEAR(LID) ASSY	
127	1-675-093-11	HP BOARD	
128	X-3375-588-1	ESCUTCHEON (WIN) ASSY(US,CND,E,PX)	
128	X-4950-348-1	ESCUTCHEON (WIN.) ASSY(MY,SP,AUS,CH)	
129	1-791-938-11	CABLE, FLEXIBLE FLAT (31P)	
130	4-222-038-01	BUTTON (O/C)(US,CND,E,PX)	
130	4-222-038-11	BUTTON (O/C)(MY,SP,AUS,CH)	
* 131	4-990-797-01	HOLDER (FL)	
132	4-926-218-01	RING(DIA.2), RETAINING	
* 133	4-921-941-01	CUSHION (FL)	
134	4-933-134-01	SCREW (+PTPWH M2.6X6)	
135	4-222-051-01	HOLDER (FL/L)	
136	A-4426-440-A	DISPLAY BOARD, COMPLETE	
137	1-765-314-11	WIRE(FLAT TYPE) (7 CORE)	
138	1-675-065-11	BLUE LED BOARD	
139	4-951-620-01	SCREW (2.6X8), +BVTP	
140	1-675-066-11	FUNCTION SW BOARD	
141	1-675-095-11	VIDEO 3 BOARD	
142	4-222-041-01	ESCUTCHEON(US,CND,E,PX)	
142	4-222-041-11	ESCUTCHEON(MY,SP,AUS,CH)	
143	4-218-604-01	DAMPER (MOTOR)	
144	X-4951-912-1	KNOB(BAL) ASSY(US,CND,E,PX)	
144	X-4951-913-1	KNOB(BAL) ASSY(MY,SP,AUS,CH)	
145	4-220-324-01	FILTER (FL)(MY,SP,AUS,CH)	
146	4-222-042-01	FILTER(MY,SP,AUS,CH)	
147	4-974-510-01	SCREW (+BV 3X8 CU)	
148	4-222-039-01	WINDOW, TRANSMITTER	
149	4-942-568-41	EMBLEM (NO.5), SONY(US,CND,E,PX)	
FL101	1-517-781-21	INDICATOR TUBE, FLUORESCENT	
FL102	1-517-905-11	INDICATOR TUBE, FLUORESCENT	

4-4. BACK PANEL SECTION



Ref. No.	Part No.	Description	Remarks
151	A-4426-469-A	SP TM BOARD, COMPLETE(US,CND,E,PX)	
151	A-4426-470-A	SP TM BOARD, COMPLETE(MY,SP,AUS,CH)	
152	1-676-564-11	PHONO BOARD	
153	A-4426-488-A	CTRL-A1 BOARD, COMPLETE	
154	1-675-077-11	VOL SEL BOARD(E,PX)	
155	3-531-576-11	RIVET(E,PX)	
156	3-179-022-31	COVER, DUSTER	
157	4-222-054-01	PANEL, BACK(US)	
157	4-222-054-11	PANEL, BACK(CND)	
157	4-222-054-21	PANEL, BACK(E,PX)	
157	4-222-054-31	PANEL, BACK(MY,SP,AUS)	
157	4-222-054-41	PANEL, BACK(CH)	
158	1-769-969-11	WIRE (FLAT TYPE) (13 CORE)	
159	1-792-174-11	CABLE, FLEXIBLE FLAT (15P)	
160	A-4426-449-A	AUDIO A BOARD, COMPLETE(US,CND,E,PX)	
160	A-4426-450-A	AUDIO A BOARD, COMPLETE(MY,SP,AUS,CH)	
161	A-4426-452-A	AUDIO V BOARD, COMPLETE(US,CND,E,PX)	
161	A-4426-453-A	AUDIO V BOARD, COMPLETE(MY,SP,AUS,CH)	

Ref. No.	Part No.	Description	Remarks
162	A-4426-454-A	C VIDEO BOARD, COMPLETE	
163	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)	
164	A-4426-496-A	S VIDEO BOARD, COMPLETE	
165	1-792-216-11	WIRE (FLAT TYPE) (10 CORE)	
* 166	4-923-873-01	BRACKET, CORD STOPPER	
⚠167	1-559-479-11	CORD, POWER(US,CND)	
⚠167	1-776-095-11	CORD, POWER(MY,SP,AUS,E,PX)	
⚠167	1-782-464-21	CORD, POWER(CH)	
168	3-703-244-00	BUSHING (2104), CORD(MY,SP,AUS,E,PX,CH)	
168	4-916-783-01	BUSHING, CORD(US,CND)	
169	4-974-510-01	SCREW (+BV 3X8 CU)	
170	4-947-010-01	SCREW, FEEDER FIXED	
171	3-704-515-11	SCREW (BV/RING)	
172	1-773-002-11	WIRE (FLAT TYPE) (15 CORE)	
⚠173	1-569-008-21	ADAPTOR, CONVERSION 2P(E,PX)	
TM1401	1-693-407-23	TUNER(US,CND,E,PX)	
TM1401	1-693-409-23	TUNER(MY,SP,AUS,CH)	

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

SECTION 5
ELECTRICAL PARTS LIST

AC

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- CAPACITORS:
  uF: µF
- RESISTORS
  All resistors are in ohms.
  METAL: metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- COILS
  uH: µH
- Abbreviation
  CND : Canadian model
  AUS : Australian model
  MY : Malaysia model
  SP : Singapore model
  CH : Chinese model

- SEMICONDUCTORS
  In each case, u: µ, for example:
  uA...: µA... , uPA... , µPA... ,
  uPB... , µPB... , uPC... , µPC... ,
  uPD..., µPD...

When indicating parts by reference number, please include the board name.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件在安全方面具有关键性。因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
	A-4426-460-A	AC BOARD, COMPLETE(US,CND)			
		**********			
	A-4426-461-A	AC BOARD, COMPLETE(E,PX)			
		**********			
	A-4426-462-A	AC BOARD, COMPLETE(MY,SP,AUS)			
		**********			
	A-4426-463-A	AC BOARD, COMPLETE(CH)			
		**********			
	1-533-293-11	FUSE HOLDER			
		< CAPACITOR >			
C901	1-110-211-91	MYLAR	0.022uF	5% 50V	
C902	1-110-211-91	MYLAR	0.022uF	5% 50V	
C903	1-127-721-11	ELECT	1000uF	20% 16V	(MY,SP,AUS,CH)
C903	1-127-723-51	ELECT MELF	4700uF	20% 16V	(US,CND,E,PX)
C904	1-127-720-91	ELECT MELF	470uF	20% 16V	
C905	1-119-820-11	ELECT	1uF	20% 50V	
C906	1-137-370-11	MYLAR	0.01uF	5% 50V	
		< CONNECTOR >			
CN903	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
		< CONNECTOR >			
CNP901	1-564-321-00	PIN, CONNECTOR 2P			
* CNP902	1-564-321-21	PIN, CONNECTOR 2P			
CNP904	1-568-106-11	PIN, CONNECTOR 4P(E,PX)			
		< DIODE >			
D901	8-719-053-18	DIODE 1SR154-400TE-25			
D902	8-719-053-18	DIODE 1SR154-400TE-25			
D903	8-719-053-18	DIODE 1SR154-400TE-25			
D904	8-719-053-18	DIODE 1SR154-400TE-25			
D905	8-719-016-74	DIODE 1SS352			
D906	8-719-016-74	DIODE 1SS352			
D907	8-719-016-74	DIODE 1SS352			
D908	8-719-053-18	DIODE 1SR154-400TE-25			
D909	8-719-053-18	DIODE 1SR154-400TE-25			

Ref. No.	Part No.	Description			Remarks
		< TERMINAL >			
EB901	1-537-770-21	TERMINAL BOARD, GROUND			
		< FUSE >			
⚠F901	1-532-465-51	FUSE, TIME LAG 3.15A,250V			(MY,SP,AUS,E,PX,CH)
⚠F901	1-533-312-11	FUSE, GLASS CYLINDRICAL(DIA.5)10A 125V			(US,CND)
⚠F902	1-532-464-51	FUSE 2.5A 250V(MY,SP,AUS,E,PX,CH)			
⚠F903	1-532-465-51	FUSE, TIME LAG 3.15A,250V(E,PX)			
		< IC >			
IC901	8-759-231-53	IC TA7805S			
		< JACK >			
⚠J901	1-251-079-11	OUTLET, AC(AC OUTLET)(MY,SP,AUS)			
⚠J901	1-251-718-11	OUTLET (2 GANG), AC(AC OUTLET)			(US,CND,E,PX,CH)
		< TRANSISTOR >			
Q901	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q902	8-729-230-49	TRANSISTOR 2SC2712-YG			
		< RESISTOR >			
R901	1-202-725-00	SOLID	3.3M	10% 1/2W	(US,CND)
R902	1-208-462-41	RES-CHIP	10K	2% 1/10W	
R903	1-208-453-41	RES-CHIP	4.7K	2% 1/10W	
R904	1-208-518-41	RES-CHIP	22K	2% 1/10W	
R905	1-208-526-41	RES-CHIP	47K	2% 1/10W	
R906	1-208-462-41	RES-CHIP	10K	2% 1/10W	
R907	1-216-603-11	METAL CHIP	10	0.5% 1/10W	
		< RELAY >			
RY901	1-515-999-11	RELAY, POWER(US,CND,E,PX)			
RY901	1-755-298-11	RELAY (MY,SP,AUS,CH)			
		< TRANSFORMER >			
⚠T902	1-435-162-11	TRANSFORMER, POWER(US,CND)			
⚠T902	1-435-163-11	TRANSFORMER, POWER(MY,SP,AUS,CH)			
⚠T902	1-435-164-11	TRANSFORMER, POWER(E,PX)			

****

AMP

Ref. No.	Part No.	Description			Remarks
	A-4426-446-A	AMP BOARD, COMPLETE(US,CND,E,PX)			
		**********			
	A-4426-447-A	AMP BOARD, COMPLETE(MY,SP,AUS,CH)			
		**********			
	7-685-872-09	SCREW +BVTT	3X8 (S)		
		< CAPACITOR >			
C4001	1-119-792-21	ELECT	470uF	20%	10V
C4002	1-128-858-11	ELECT	22uF	20%	50V
C4003	1-127-726-51	ELECT MELF	470uF	20%	25V
C4004	1-127-726-51	ELECT MELF	470uF	20%	25V
C4005	1-119-816-31	ELECT	0.1uF	20%	50V
C4006	1-119-816-31	ELECT	0.1uF	20%	50V
C4101	1-119-823-11	ELECT	4.7uF	20%	50V
C4102	1-119-830-11	ELECT	330uF	20%	25V
C4103	1-102-233-00	CERAMIC	33PF	10%	500V
C4104	1-102-934-00	CERAMIC	1.0PF	0.25PF	50V
C4105	1-102-106-00	CERAMIC	100PF	10%	50V
C4106	1-164-039-11	CERAMIC	3PF	0.25PF	50V
C4108	1-164-077-11	CERAMIC	220PF	10%	50V
C4112	1-137-372-11	MYLAR	0.022uF	5%	50V
C4113	1-137-360-11	MYLAR	220PF	5%	50V
C4151	1-119-823-11	ELECT	4.7uF	20%	50V
C4152	1-119-830-11	ELECT	330uF	20%	25V
C4153	1-102-233-00	CERAMIC	33PF	10%	500V
C4154	1-102-934-00	CERAMIC	1.0PF	0.25PF	50V
C4155	1-102-106-00	CERAMIC	100PF	10%	50V
C4156	1-164-039-11	CERAMIC	3PF	0.25PF	50V
C4158	1-164-077-11	CERAMIC	220PF	10%	50V
C4162	1-137-372-11	MYLAR	0.022uF	5%	50V
C4163	1-137-360-11	MYLAR	220PF	5%	50V
C4198	1-119-854-11	ELECT	100uF	20%	100V
C4199	1-119-854-11	ELECT	100uF	20%	100V
C4201	1-119-823-11	ELECT	4.7uF	20%	50V
C4202	1-119-830-11	ELECT	330uF	20%	25V
C4203	1-102-233-00	CERAMIC	33PF	10%	500V
C4204	1-102-934-00	CERAMIC	1.0PF	0.25PF	50V
C4205	1-102-106-00	CERAMIC	100PF	10%	50V
C4206	1-164-039-11	CERAMIC	3PF	0.25PF	50V
C4208	1-164-077-11	CERAMIC	220PF	10%	50V
C4212	1-137-372-11	MYLAR	0.022uF	5%	50V
C4213	1-137-360-11	MYLAR	220PF	5%	50V
C4251	1-119-823-11	ELECT	4.7uF	20%	50V
C4252	1-119-830-11	ELECT	330uF	20%	25V
C4253	1-102-233-00	CERAMIC	33PF	10%	500V
C4254	1-164-077-11	CERAMIC	220PF	10%	50V
C4255	1-102-106-00	CERAMIC	100PF	10%	50V
C4256	1-164-039-11	CERAMIC	3PF	0.25PF	50V
C4298	1-119-854-11	ELECT	100uF	20%	100V
C4299	1-119-854-11	ELECT	100uF	20%	100V
C4301	1-119-823-11	ELECT	4.7uF	20%	50V
C4302	1-119-830-11	ELECT	330uF	20%	25V
C4303	1-102-233-00	CERAMIC	33PF	10%	500V
C4304	1-102-934-00	CERAMIC	1.0PF	0.25PF	50V
C4305	1-102-106-00	CERAMIC	100PF	10%	50V
C4306	1-164-039-11	CERAMIC	3PF	0.25PF	50V
C4308	1-164-077-11	CERAMIC	220PF	10%	50V
C4312	1-137-372-11	MYLAR	0.022uF	5%	50V
C4313	1-137-360-11	MYLAR	220PF	5%	50V
C4351	1-119-823-11	ELECT	4.7uF	20%	50V
C4352	1-119-830-11	ELECT	330uF	20%	25V
C4353	1-102-233-00	CERAMIC	33PF	10%	500V
C4354	1-102-934-00	CERAMIC	1.0PF	0.25PF	50V
C4355	1-102-106-00	CERAMIC	100PF	10%	50V
C4356	1-164-039-11	CERAMIC	3PF	0.25PF	50V
C4358	1-164-077-11	CERAMIC	220PF	10%	50V
C4362	1-137-372-11	MYLAR	0.022uF	5%	50V
C4363	1-137-360-11	MYLAR	220PF	5%	50V
C4398	1-119-854-11	ELECT	100uF	20%	100V
C4399	1-119-854-11	ELECT	100uF	20%	100V
		< CONNECTOR >			
CN4001	1-785-102-11	PIN, CONNECTOR 4P			
CN4002	1-691-765-21	PLUG (MICRO CONNECTOR) 3P			
CN4003	1-564-506-11	PLUG (MICRO CONNECTOR) 5P			
CN4006	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
* CN4007	1-564-242-00	PIN, CONNECTOR 5P			
CN4008	1-785-104-11	PIN, CONNECTOR 6P			
CN4012	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
* CN4013	1-564-104-00	PIN, CONNECTOR (B3P-VH) 3P			
* CN4103	1-564-505-11	PLUG, CONNECTOR 2P			
CN4104	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
* CN4153	1-564-505-11	PLUG, CONNECTOR 2P			
* CN4203	1-564-505-11	PLUG, CONNECTOR 2P			
CN4204	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
* CN4303	1-564-505-11	PLUG, CONNECTOR 2P			
CN4304	1-691-765-21	PLUG (MICRO CONNECTOR) 3P			
* CN4353	1-564-505-11	PLUG, CONNECTOR 2P			
		< DIODE >			
D4001	8-719-016-74	DIODE 1SS352			
D4002	8-719-016-74	DIODE 1SS352			
D4003	8-719-016-74	DIODE 1SS352			
D4101	8-719-016-74	DIODE 1SS352			
D4151	8-719-016-74	DIODE 1SS352			
D4201	8-719-016-74	DIODE 1SS352			
D4301	8-719-016-74	DIODE 1SS352			
D4351	8-719-016-74	DIODE 1SS352			
D4701	8-719-016-74	DIODE 1SS352			
		< TERMINAL >			
EB401	1-537-770-21	TERMINAL BOARD, GROUND			
		< HEAT SINK >			
* HS4001	4-880-403-11	HEAT SINK			
* HS4002	4-880-403-11	HEAT SINK			
		< IC >			
IC4001	8-759-604-87	IC M5F7818L			
IC4002	8-759-604-91	IC M5F7918L			
IC4101	8-759-326-52	IC uPC2581V			
IC4201	8-759-326-52	IC uPC2581V			
IC4301	8-759-326-52	IC uPC2581V			

Ref. No.	Part No.	Description			Remarks
		< TRANSISTOR >			
Q4001	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4002	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q4003	8-729-140-84	TRANSISTOR 2SC1841-PAFAEA			
Q4103	8-749-010-43	IC NEN250			
Q4104	8-749-010-42	IC NEP250			
Q4105	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4106	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4153	8-749-010-43	IC NEN250			
Q4154	8-749-010-42	IC NEP250			
Q4155	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4156	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4203	8-749-010-43	IC NEN250			
Q4204	8-749-010-42	IC NEP250			
Q4205	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4206	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4303	8-749-010-43	IC NEN250			
Q4304	8-749-010-42	IC NEP250			
Q4305	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4306	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4353	8-749-010-43	IC NEN250			
Q4354	8-749-010-42	IC NEP250			
Q4355	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4356	8-729-140-82	TRANSISTOR 2SA988-PAFAEA			
Q4701	8-729-230-49	TRANSISTOR 2SC2712-YG			
		< RESISTOR >			
R4001	1-208-462-41	RES-CHIP	10K	2%	1/10W
R4002	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R4003	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W
R4004	1-208-437-41	RES-CHIP	1K	2%	1/10W
R4101	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4102	1-260-017-11	CARBON MELF	56K	2%	1/8W
R4103	1-249-679-11	CARBON	1.8K	5%	1/2W
R4104	1-249-844-11	CARBON	56K	5%	1/2W
⚠R4108	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4109	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4110	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4111	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4114	1-212-857-00	FUSIBLE	10	5%	1/4W
R4115	1-260-016-11	CARBON MELF	47K	2%	1/8W
R4116	1-259-932-11	CARBON MELF	6.2K	2%	1/8W
R4117	1-260-005-11	CARBON MELF	5.6K	2%	1/8W
R4118	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4119	1-260-018-11	CARBON MELF	68K	2%	1/8W
R4120	1-260-010-11	CARBON MELF	15K	2%	1/8W
R4126	1-208-602-11	REGISTER	0.22	10%	2W
R4127	1-208-602-11	REGISTER	0.22	10%	2W
R4128	1-208-602-11	REGISTER	0.22	10%	2W
R4129	1-208-602-11	REGISTER	0.22	10%	2W
R4151	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4152	1-260-017-11	CARBON MELF	56K	2%	1/8W
R4153	1-249-679-11	CARBON	1.8K	5%	1/2W
R4154	1-249-844-11	CARBON	56K	5%	1/2W
⚠R4158	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4159	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4160	1-212-857-00	FUSIBLE	10	5%	1/4W

Ref. No.	Part No.	Description			Remarks
⚠R4161	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4164	1-212-857-00	FUSIBLE	10	5%	1/4W
R4165	1-260-016-11	CARBON MELF	47K	2%	1/8W
R4166	1-259-932-11	CARBON MELF	6.2K	2%	1/8W
R4167	1-260-005-11	CARBON MELF	5.6K	2%	1/8W
R4168	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4169	1-260-018-11	CARBON MELF	68K	2%	1/8W
R4170	1-260-010-11	CARBON MELF	15K	2%	1/8W
R4176	1-208-602-11	REGISTER	0.22	10%	2W
R4177	1-208-602-11	REGISTER	0.22	10%	2W
R4178	1-208-602-11	REGISTER	0.22	10%	2W
R4179	1-208-602-11	REGISTER	0.22	10%	2W
⚠R4197	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4198	1-212-857-00	FUSIBLE	10	5%	1/4W
R4199	1-260-011-11	CARBON MELF	18K	2%	1/8W
R4201	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4202	1-260-017-11	CARBON MELF	56K	2%	1/8W
R4203	1-249-679-11	CARBON	1.8K	5%	1/2W
R4204	1-249-844-11	CARBON	56K	5%	1/2W
⚠R4208	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4209	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4210	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4211	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4214	1-212-857-00	FUSIBLE	10	5%	1/4W
R4215	1-260-016-11	CARBON MELF	47K	2%	1/8W
R4216	1-259-932-11	CARBON MELF	6.2K	2%	1/8W
R4217	1-260-005-11	CARBON MELF	5.6K	2%	1/8W
R4218	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4219	1-260-018-11	CARBON MELF	68K	2%	1/8W
R4220	1-260-010-11	CARBON MELF	15K	2%	1/8W
R4226	1-208-602-11	REGISTER	0.22	10%	2W
R4227	1-208-602-11	REGISTER	0.22	10%	2W
R4228	1-208-602-11	REGISTER	0.22	10%	2W
R4229	1-208-602-11	REGISTER	0.22	10%	2W
R4251	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4252	1-260-017-11	CARBON MELF	56K	2%	1/8W
R4253	1-249-679-11	CARBON	1.8K	5%	1/2W
R4254	1-249-844-11	CARBON	56K	5%	1/2W
R4255	1-259-987-11	CARBON MELF	220	2%	1/8W
R4256	1-259-987-11	CARBON MELF	220	2%	1/8W
⚠R4297	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4298	1-212-857-00	FUSIBLE	10	5%	1/4W
R4299	1-260-011-11	CARBON MELF	18K	2%	1/8W
R4301	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4302	1-260-017-11	CARBON MELF	56K	2%	1/8W
R4303	1-249-679-11	CARBON	1.8K	5%	1/2W
R4304	1-249-844-11	CARBON	56K	5%	1/2W
⚠R4308	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4309	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4310	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4311	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4314	1-212-857-00	FUSIBLE	10	5%	1/4W
R4315	1-260-016-11	CARBON MELF	47K	2%	1/8W
R4316	1-259-932-11	CARBON MELF	6.2K	2%	1/8W
R4317	1-260-005-11	CARBON MELF	5.6K	2%	1/8W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

AMP AUDIO A

Ref. No.	Part No.	Description			Remarks
R4318	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4319	1-260-018-11	CARBON MELF	68K	2%	1/8W
R4320	1-260-010-11	CARBON MELF	15K	2%	1/8W
R4326	1-208-602-11	REGISTER	0.22	10%	2W
R4327	1-208-602-11	REGISTER	0.22	10%	2W
R4328	1-208-602-11	REGISTER	0.22	10%	2W
R4329	1-208-602-11	REGISTER	0.22	10%	2W
R4351	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4352	1-260-017-11	CARBON MELF	56K	2%	1/8W
R4353	1-249-679-11	CARBON	1.8K	5%	1/2W
R4354	1-249-844-11	CARBON	56K	5%	1/2W
⚠R4358	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4359	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4360	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4361	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4364	1-212-857-00	FUSIBLE	10	5%	1/4W
R4365	1-260-016-11	CARBON MELF	47K	2%	1/8W
R4366	1-259-932-11	CARBON MELF	6.2K	2%	1/8W
R4367	1-260-005-11	CARBON MELF	5.6K	2%	1/8W
R4368	1-259-995-11	CARBON MELF	1K	2%	1/8W
R4369	1-260-018-11	CARBON MELF	68K	2%	1/8W
R4370	1-260-010-11	CARBON MELF	15K	2%	1/8W
R4376	1-208-602-11	REGISTER	0.22	10%	2W
R4377	1-208-602-11	REGISTER	0.22	10%	2W
R4378	1-208-602-11	REGISTER	0.22	10%	2W
R4379	1-208-602-11	REGISTER	0.22	10%	2W
⚠R4397	1-212-857-00	FUSIBLE	10	5%	1/4W
⚠R4398	1-212-857-00	FUSIBLE	10	5%	1/4W
R4399	1-260-011-11	CARBON MELF	18K	2%	1/8W
R4701	1-249-422-11	CARBON	2.7K	5%	1/4W F
R4702	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R4703	1-208-462-41	RES-CHIP	10K	2%	1/10W
		< RELAY >			
RY4701	1-755-295-11	RELAY			

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	A-4426-449-A	AUDIO A BOARD, COMPLETE(US,CND,E,PX)
		**********
	A-4426-450-A	AUDIO A BOARD, COMPLETE(MY,SP,AUS,CH)
		**********

< CAPACITOR >

C1101	1-119-823-11	ELECT	4.7uF	20%	50V
C1102	1-128-858-11	ELECT	22uF	20%	50V
C1105	1-119-823-11	ELECT	4.7uF	20%	50V
C1106	1-128-858-11	ELECT	22uF	20%	50V
C1107	1-126-927-11	ELECT	2200uF	20%	10V
C1151	1-119-823-11	ELECT	4.7uF	20%	50V
C1152	1-128-858-11	ELECT	22uF	20%	50V
C1155	1-119-823-11	ELECT	4.7uF	20%	50V
C1156	1-128-858-11	ELECT	22uF	20%	50V
C1181	1-102-121-00	CERAMIC	2200PF	10%	50V
C1182	1-102-121-00	CERAMIC	2200PF	10%	50V
C1191	1-102-121-00	CERAMIC	2200PF	10%	50V
C1192	1-102-121-00	CERAMIC	2200PF	10%	50V
CC1101	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1102	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1103	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1104	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1105	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1106	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1151	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1152	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1153	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1154	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1155	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1156	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)

< CONNECTOR >

CN1102	1-784-774-11	CONNECTOR, FFC 13P	
CN1103	1-784-735-11	CONNECTOR, FFC 13P	
* CN1104	1-564-507-11	PLUG, CONNECTOR 4P	
CN1105	1-691-765-11	PLUG (MICRO CONNECTOR) 3P	

< DIODE >

D1101	8-719-016-74	DIODE	1SS352
D1102	8-719-016-74	DIODE	1SS352
D1103	8-719-914-42	DIODE	DA204K

< IC >

IC1101	8-759-655-96	IC	TA9163AF
IC1102	8-759-655-97	IC	TC9162AF
IC1103	8-759-711-85	IC	NJM4580E-D
IC1105	8-759-711-85	IC	NJM4580E-D

< JACK >

J1101	1-794-024-11	JACK, PIN 6P(2ND AUDIO,CD)
J1102	1-793-523-11	JACK, PIN 6P(MD/DAT,TAPE)

< TRANSISTOR >

Q1101	8-729-424-08	TRANSISTOR UN2111

< RESISTOR >

R1101	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1102	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1103	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1104	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1105	1-259-995-11	CARBON MELF	1K	2%	1/8W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
R1106	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1107	1-208-813-11	RES-CHIP	20K	0.5%	1/10W
R1108	1-208-422-41	RES-CHIP	240	2%	1/10W
R1111	1-260-032-11	CARBON MELF	1M	2%	1/8W
R1112	1-216-254-00	CARBON MELF	220K	2%	1/8W
R1116	1-260-032-11	CARBON MELF	1M	2%	1/8W
R1117	1-260-032-11	CARBON MELF	1M	2%	1/8W
R1118	1-216-254-00	CARBON MELF	220K	2%	1/8W
R1151	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1152	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1153	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1154	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1155	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1156	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1161	1-260-032-11	CARBON MELF	1M	2%	1/8W
R1162	1-216-254-00	CARBON MELF	220K	2%	1/8W
R1166	1-260-032-11	CARBON MELF	1M	2%	1/8W
R1167	1-260-032-11	CARBON MELF	1M	2%	1/8W
R1168	1-216-254-00	CARBON MELF	220K	2%	1/8W
		< RELAY >			
RY1101	1-755-294-11	RELAY			
**********					
	A-4426-452-A	AUDIO V BOARD, COMPLETE(US,CND,E,PX)			
		**********			
	A-4426-453-A	AUDIO V BOARD, COMPLETE(MY,SP,AUS,CH)			
		**********			
		< CAPACITOR >			
C1281	1-102-121-00	CERAMIC	2200PF	10%	50V
C1282	1-102-121-00	CERAMIC	2200PF	10%	50V
CC1201	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1202	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1203	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1204	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1205	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1206	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1251	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1252	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1253	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1254	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1255	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
CC1256	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
		< CONNECTOR >			
CN1201	1-784-735-11	CONNECTOR, FFC 13P			

Ref. No.	Part No.	Description			Remarks
		< IC >			
IC1201	8-759-245-17	IC TC9164N			
		< JACK >			
J1201	1-793-523-11	JACK, PIN 6P(TV/SAT,DVD/LD)			
J1202	1-793-523-11	JACK, PIN 6P(VIDEO1,VIDEO2)			
		< RESISTOR >			
R1201	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1202	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1203	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1204	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1205	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1206	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1251	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1252	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1253	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1254	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1255	1-259-995-11	CARBON MELF	1K	2%	1/8W
R1256	1-259-995-11	CARBON MELF	1K	2%	1/8W
**********					
	1-675-085-11	BIAS BOARD			
		**********			
		< CAPACITOR >			
C4107	1-128-846-51	ELECT	330uF	20%	25V
		< CONNECTOR >			
* CN4101	1-568-942-11	PIN, CONNECTOR 4P			
		< DIODE >			
D4102	8-719-911-19	DIODE 1SS119			
		< TRANSISTOR >			
Q4102	8-729-026-08	TRANSISTOR 2SC4495			
		< RESISTOR >			
R4106	1-259-999-11	CARBON MELF	2.2K	2%	1/8W
R4107	1-259-918-11	CARBON MELF	430	2%	1/8W
		< VARIABLE RESISTOR >			
RV4101	1-237-456-11	RES, ADJ, CARBON 1K			
**********					
	1-675-065-11	BLUE LED BOARD			
		**********			
		< CAPACITOR >			
C105	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
		< CONNECTOR >			
* CN111	1-564-517-11	PLUG, CONNECTOR 2P			
		< DIODE >			
D101	8-719-070-83	DIODE SELU5E20C-TP15(FL BACK LIGHT)			

Ref. No.	Part No.	Description			Remarks
		< RESISTOR >			
R116	1-216-073-00	METAL CHIP	10K	5%	1/10W
**********					
	A-4426-454-A	C VIDEO BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C5101	1-119-824-11	ELECT MELF	10uF	20%	50V
C5102	1-119-824-11	ELECT MELF	10uF	20%	50V
C5103	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5104	1-119-824-11	ELECT MELF	10uF	20%	50V
C5105	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5106	1-119-824-11	ELECT MELF	10uF	20%	50V
C5107	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5108	1-127-718-91	ELECT MELF	100uF	20%	16V
C5109	1-163-189-00	CERAMIC CHIP	220PF	5%	50V
C5110	1-127-718-91	ELECT MELF	100uF	20%	16V
C5111	1-163-189-00	CERAMIC CHIP	220PF	5%	50V
C5112	1-119-824-11	ELECT MELF	10uF	20%	50V
C5113	1-165-319-11	CERAMIC CHIP	0.1uF		50V
		< CONNECTOR >			
CN5101	1-568-830-11	CONNECTOR, FFC 11P			
		< IC >			
IC5101	8-759-536-24	IC NJM-2296M-TE2			
		< JACK >			
J5101	1-793-522-11	JACK, PIN 2P(TV/SAT,DVD/LD IN)			
J5102	1-785-866-21	JACK, PIN 3P(VIDEO2 IN/OUT)			
J5103	1-793-522-11	JACK, PIN 2P(VIDEO1 IN/OUT,MONITOR OUT)			
		< COIL >			
L5101	1-500-425-11	FERRITE 0uH			
L5102	1-500-425-11	FERRITE 0uH			
		< RESISTOR >			
R5101	1-208-755-11	RES-CHIP	75	2%	1/10W
R5102	1-208-755-11	RES-CHIP	75	2%	1/10W
R5103	1-208-755-11	RES-CHIP	75	2%	1/10W
R5104	1-208-755-11	RES-CHIP	75	2%	1/10W
R5105	1-208-755-11	RES-CHIP	75	2%	1/10W
R5106	1-208-755-11	RES-CHIP	75	2%	1/10W
R5107	1-208-755-11	RES-CHIP	75	2%	1/10W
**********					
	A-4426-488-A	CTRL-A1 BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C1401	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C1402	1-127-718-91	ELECT MELF	100uF	20%	16V
C1403	1-127-718-91	ELECT MELF	100uF	20%	16V
C1405	1-127-718-91	ELECT MELF	100uF	20%	16V
C1601	1-127-718-91	ELECT MELF	100uF	20%	16V

Ref. No.	Part No.	Description			Remarks
C1602	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C1603	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C1604	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C1605	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C1606	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C1701	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
CN1401	1-784-776-11	CONNECTOR, FFC 15P			
CN1402	1-784-776-11	CONNECTOR, FFC 15P			
CN1403	1-784-774-11	CONNECTOR, FFC 13P			
CN1405	1-770-406-11	CONNECTOR, BOARD TO BOARD 10P			
		< DIODE >			
D1701	8-719-025-33	DIODE 02CZ6.2-TE85L			
		< FERRITE BEAD >			
FB1601	1-410-397-21	FERRITE BEAD INDUCTOR			
FB1701	1-500-245-11	INDUCTOR CHIP 0UH			
FB1702	1-500-245-11	INDUCTOR CHIP 0UH			
		< IC >			
IC1401	8-759-708-05	IC NJM78L05A			
IC1402	8-759-595-88	IC AN77L12-TA			
IC1601	8-759-557-32	IC ADM202EARN-REEL			
		< JACK >			
J1601	1-764-116-41	PULG, (D) SUB CONNECTOR 9P(RS-232C)			
J1701	1-563-330-11	JACK(CONTROL A1)			
		< RESISTOR >			
R1401	1-208-437-41	RES-CHIP	1K	2%	1/10W
R1402	1-208-437-41	RES-CHIP	1K	2%	1/10W
R1403	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R1404	1-208-437-41	RES-CHIP	1K	2%	1/10W
R1405	1-208-437-41	RES-CHIP	1K	2%	1/10W
R1406	1-208-437-41	RES-CHIP	1K	2%	1/10W
R1407	1-208-437-41	RES-CHIP	1K	2%	1/10W
R1408	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R1409	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R1601	1-216-025-91	RES-CHIP	100	5%	1/10W
R1602	1-216-025-91	RES-CHIP	100	5%	1/10W
**********					
	A-4426-434-A	DIGITAL BOARD, COMPLETE(US,CND)			
		**********			
	A-4426-435-A	DIGITAL BOARD, COMPLETE(E,PX)			
		**********			
	A-4426-436-A	DIGITAL BOARD, COMPLETE(MY,SP,AUS)			
		**********			
	A-4426-994-A	DIGITAL BOARD, COMPLETE(CH)			
		**********			
*	4-931-401-31	HEAT SINK, V.OUT			
	7-685-872-09	SCREW +BVTT 3X8 (S)			
		< BUS BAR >			
BB301	1-568-129-11	BAR, BUS 8P			
BB302	1-569-136-11	BAR, BUS 5P			

Ref. No.	Part No.	Description			Remarks
		< CAPACITOR >			
C303	1-136-230-00	FILM	0.0022uF	5%	100V
C304	1-136-230-00	FILM	0.0022uF	5%	100V
C305	1-136-230-00	FILM	0.0022uF	5%	100V
C306	1-136-230-00	FILM	0.0022uF	5%	100V
C307	1-136-230-00	FILM	0.0022uF	5%	100V
C308	1-136-230-00	FILM	0.0022uF	5%	100V
C309	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C310	1-128-840-11	ELECT	47uF	20%	16V
C311	1-128-840-11	ELECT	47uF	20%	16V
C312	1-125-854-21	FILM	560PF	5%	50V
C313	1-125-854-21	FILM	560PF	5%	50V
C314	1-125-854-21	FILM	560PF	5%	50V
C315	1-125-854-21	FILM	560PF	5%	50V
C316	1-125-854-21	FILM	560PF	5%	50V
C317	1-125-854-21	FILM	560PF	5%	50V
C318	1-128-840-11	ELECT	47uF	20%	16V
C319	1-130-475-00	MYLAR	0.0022uF	5%	50V
C320	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C321	1-125-845-21	FILM	47PF	10%	50V
C322	1-125-845-21	FILM	47PF	10%	50V
C323	1-125-845-21	FILM	47PF	10%	50V
C324	1-125-845-21	FILM	47PF	10%	50V
C325	1-125-845-21	FILM	47PF	10%	50V
C326	1-125-845-21	FILM	47PF	10%	50V
C327	1-127-718-91	ELECT MELF	100uF	20%	16V
C334	1-119-820-11	ELECT	1uF	20%	50V
C335	1-119-820-11	ELECT	1uF	20%	50V
C336	1-128-833-91	ELECT	330uF	20%	10V
C337	1-130-475-00	MYLAR	0.0022uF	5%	50V
C338	1-130-495-00	MYLAR	0.1uF	5%	50V
C339	1-130-495-00	MYLAR	0.1uF	5%	50V
C340	1-130-495-00	MYLAR	0.1uF	5%	50V
C341	1-130-495-00	MYLAR	0.1uF	5%	50V
C342	1-130-495-00	MYLAR	0.1uF	5%	50V
C343	1-130-495-00	MYLAR	0.1uF	5%	50V
C344	1-127-718-91	ELECT MELF	100uF	20%	16V
C345	1-119-823-11	ELECT	4.7uF	20%	50V
C346	1-119-823-11	ELECT	4.7uF	20%	50V
C347	1-119-823-11	ELECT	4.7uF	20%	50V
C348	1-119-823-11	ELECT	4.7uF	20%	50V
C349	1-119-823-11	ELECT	4.7uF	20%	50V
C350	1-119-823-11	ELECT	4.7uF	20%	50V
C351	1-136-165-00	MYLAR	0.1uF	5%	50V
C352	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C353	1-119-823-11	ELECT	4.7uF	20%	50V
C354	1-119-823-11	ELECT	4.7uF	20%	50V
C355	1-119-823-11	ELECT	4.7uF	20%	50V
C356	1-119-823-11	ELECT	4.7uF	20%	50V
C357	1-119-823-11	ELECT	4.7uF	20%	50V
C358	1-119-823-11	ELECT	4.7uF	20%	50V
C359	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C360	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C361	1-163-003-11	CERAMIC CHIP	330PF	10%	50V
C362	1-130-495-00	MYLAR	0.1uF	5%	50V
C363	1-130-495-00	MYLAR	0.1uF	5%	50V
C364	1-130-495-00	MYLAR	0.1uF	5%	50V
C365	1-130-495-00	MYLAR	0.1uF	5%	50V
C366	1-130-495-00	MYLAR	0.1uF	5%	50V
C367	1-130-495-00	MYLAR	0.1uF	5%	50V
C368	1-128-840-11	ELECT	47uF	20%	16V
C369	1-128-832-11	ELECT	220uF	20%	10V
C370	1-127-718-91	ELECT MELF	100uF	20%	16V
C371	1-128-840-11	ELECT	47uF	20%	16V
C372	1-128-832-11	ELECT	220uF	20%	10V
C373	1-127-718-91	ELECT MELF	100uF	20%	16V
C374	1-128-840-11	ELECT	47uF	20%	16V
C375	1-128-832-11	ELECT	220uF	20%	10V
C376	1-127-718-91	ELECT MELF	100uF	20%	16V
C377	1-128-840-11	ELECT	47uF	20%	16V
C378	1-128-832-11	ELECT	220uF	20%	10V
C379	1-127-718-91	ELECT MELF	100uF	20%	16V
C380	1-128-840-11	ELECT	47uF	20%	16V
C381	1-128-832-11	ELECT	220uF	20%	10V
C382	1-127-718-91	ELECT MELF	100uF	20%	16V
C383	1-128-840-11	ELECT	47uF	20%	16V
C384	1-128-832-11	ELECT	220uF	20%	10V
C385	1-127-718-91	ELECT MELF	100uF	20%	16V
C386	1-127-720-91	ELECT MELF	470uF	20%	16V
C387	1-127-720-91	ELECT MELF	470uF	20%	16V
C388	1-127-720-91	ELECT MELF	470uF	20%	16V
C389	1-119-841-11	ELECT	1000uF	20%	63V
C390	1-119-841-11	ELECT	1000uF	20%	63V
C391	1-119-841-11	ELECT	1000uF	20%	63V
C392	1-127-718-91	ELECT MELF	100uF	20%	16V
C393	1-127-718-91	ELECT MELF	100uF	20%	16V
C394	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C395	1-136-165-00	MYLAR	0.1uF	5%	50V
C396	1-136-165-00	MYLAR	0.1uF	5%	50V
C397	1-136-165-00	MYLAR	0.1uF	5%	50V
C398	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C399	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C400	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C401	1-127-718-91	ELECT MELF	100uF	20%	16V
C402	1-127-718-91	ELECT MELF	100uF	20%	16V
C403	1-127-718-91	ELECT MELF	100uF	20%	16V
C404	1-127-718-91	ELECT MELF	100uF	20%	16V
C405	1-127-718-91	ELECT MELF	100uF	20%	16V
C406	1-127-718-91	ELECT MELF	100uF	20%	16V
C407	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C408	1-163-005-11	CERAMIC CHIP	470PF	10%	50V (US,CND)
C409	1-164-005-91	CERAMIC CHIP	0.47uF		25V
C410	1-127-718-91	ELECT MELF	100uF	20%	16V
C411	1-127-718-91	ELECT MELF	100uF	20%	16V
C412	1-127-718-91	ELECT MELF	100uF	20%	16V
C413	1-127-718-91	ELECT MELF	100uF	20%	16V
C414	1-127-718-91	ELECT MELF	100uF	20%	16V
C415	1-127-718-91	ELECT MELF	100uF	20%	16V
C416	1-127-720-91	ELECT MELF	470uF	20%	16V
C417	1-127-720-91	ELECT MELF	470uF	20%	16V
C418	1-127-720-91	ELECT MELF	470uF	20%	16V
C419	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C420	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C421	1-127-720-91	ELECT MELF	470uF	20%	16V
C422	1-127-720-91	ELECT MELF	470uF	20%	16V
C423	1-127-720-91	ELECT MELF	470uF	20%	16V

DIGITAL

Ref. No.	Part No.	Description			Remarks
C424	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C425	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C426	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C427	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C428	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C429	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C430	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C431	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C432	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C433	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C434	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C435	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C436	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C437	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C438	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C439	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C440	1-127-719-91	ELECT MELF	220uF	20%	16V
C441	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C442	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C443	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C444	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C445	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C446	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C447	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C448	1-163-101-00	CERAMIC CHIP	22PF	5%	50V (US,CND)
C448	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C449	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C450	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C451	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C452	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C453	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C454	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C455	1-128-840-11	ELECT	47uF	20%	16V
C456	1-128-840-11	ELECT	47uF	20%	16V
C457	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C458	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C459	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C460	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C461	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C462	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C463	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C464	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C465	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C466	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C467	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C468	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C469	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C470	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C471	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C472	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C473	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C474	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C475	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C476	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C477	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C478	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C479	1-163-009-11	CERAMIC CHIP	0.001uF	10%	50V
C480	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C481	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C482	1-165-319-11	CERAMIC CHIP	0.1uF		50V

Ref. No.	Part No.	Description			Remarks
C483	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C484	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C485	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C486	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C487	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C488	1-163-101-00	CERAMIC CHIP	22PF	5%	50V (MY,SP,AUS,E,PX,CH)
C489	1-119-823-11	ELECT	4.7uF	20%	50V (US,CND)
C490	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C491	1-163-005-11	CERAMIC CHIP	470PF	10%	50V (US,CND)
C492	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C493	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C494	1-136-165-00	MYLAR	0.1uF	5%	50V
C495	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
C496	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C497	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C498	1-128-860-11	ELECT	47uF	20%	50V
C499	1-128-860-11	ELECT	47uF	20%	50V
C500	1-117-721-11	CERAMIC CHIP	4700PF	5%	25V
C501	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C507	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C508	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C509	1-165-319-11	CERAMIC CHIP	0.1uF		50V

< CONNECTOR >

	CN301	1-568-844-11	CONNECTOR, FFC 29P
	CN302	1-691-772-11	PLUG (MICRO CONNECTOR) 10P
*	CN303	1-695-371-31	CONNECTOR, FFC 10P(US,CND,MY,SP,AUS,CH)
	CN303	1-568-828-11	CONNECTOR, FFC 9P(E,PX)
	CN304	1-691-769-11	PLUG (MICRO CONNECTOR) 7P
	CN305	1-784-776-11	CONNECTOR, FFC 15P
	CN306	1-784-792-11	CONNECTOR, FFC 31P

< DIODE >

D301	8-719-801-78	DIODE 1SS184
D302	8-719-801-78	DIODE 1SS184
D303	8-719-801-78	DIODE 1SS184
D304	8-719-801-78	DIODE 1SS184
D305	8-719-800-76	DIODE 1SS226
D306	8-719-800-76	DIODE 1SS226
D307	8-719-800-76	DIODE 1SS226
D308	8-719-800-76	DIODE 1SS226
D309	8-719-053-18	DIODE 1SR154-400TE-25
D310	8-719-110-88	DIODE RD39ES-B2
D312	8-719-820-05	DIODE 1SS181
D313	8-719-016-74	DIODE 1SS352
D314	8-719-016-74	DIODE 1SS352
D315	8-719-016-74	DIODE 1SS352
D316	8-719-801-78	DIODE 1SS184
D317	8-719-016-74	DIODE 1SS352

< TERMINAL >

EP401	1-537-770-21	TERMINAL BOARD, GROUND
EP402	1-537-770-21	TERMINAL BOARD, GROUND

Ref. No.	Part No.	Description	Remarks
		< FERRITE BEAD >	
FB301	1-469-365-21	FERRITE 0UH	
FB302	1-469-365-21	FERRITE 0UH	
FB303	1-500-230-21	INDUCTOR 0UH	
FB304	1-500-230-21	INDUCTOR 0UH	
FB305	1-500-230-21	INDUCTOR 0UH	
FB306	1-469-365-21	FERRITE 0UH	
FB307	1-469-365-21	FERRITE 0UH	
FB308	1-469-365-21	FERRITE 0UH	
FB309	1-500-230-21	INDUCTOR 0UH	
FB310	1-500-230-21	INDUCTOR 0UH	
FB311	1-500-230-21	INDUCTOR 0UH	
FB312	1-500-230-21	INDUCTOR 0UH	
FB313	1-500-230-21	INDUCTOR 0UH	
FB314	1-500-230-21	INDUCTOR 0UH	
FB315	1-469-365-21	FERRITE 0UH	
FB316	1-469-365-21	FERRITE 0UH	
FB317	1-469-365-21	FERRITE 0UH	
FB318	1-469-365-21	FERRITE 0UH	
FB319	1-469-365-21	FERRITE 0UH	
FB320	1-469-365-21	FERRITE 0UH	
FB321	1-469-365-21	FERRITE 0UH	
FB322	1-469-365-21	FERRITE 0UH	
FB323	1-469-365-21	FERRITE 0UH	
FB324	1-469-365-21	FERRITE 0UH	
FB325	1-469-365-21	FERRITE 0UH	
FB326	1-469-365-21	FERRITE 0UH	
FB327	1-469-365-21	FERRITE 0UH	
FB328	1-469-365-21	FERRITE 0UH	
FB329	1-469-365-21	FERRITE 0UH	
FB330	1-469-365-21	FERRITE 0UH	
FB331	1-469-365-21	FERRITE 0UH	
FB332	1-469-365-21	FERRITE 0UH	
FB333	1-469-365-21	FERRITE 0UH	
FB334	1-469-365-21	FERRITE 0UH	
FB335	1-500-230-21	INDUCTOR 0UH	
FB336	1-500-230-21	INDUCTOR 0UH	
FB337	1-500-230-21	INDUCTOR 0UH	
FB338	1-500-230-21	INDUCTOR 0UH	
FB339	1-500-230-21	INDUCTOR 0UH	
FB340	1-500-230-21	INDUCTOR 0UH	
FB341	1-469-365-21	FERRITE 0UH	
FB342	1-469-365-21	FERRITE 0UH	
		< IC >	
IC301	8-759-711-85	IC NJM4580E-D	
IC302	8-759-711-85	IC NJM4580E-D	
IC303	8-759-711-85	IC NJM4580E-D	
IC304	8-759-711-85	IC NJM4580E-D	
IC305	8-759-711-85	IC NJM4580E-D	
IC306	8-759-711-85	IC NJM4580E-D	
IC307	8-759-426-99	IC CXD8607N-T6	
IC308	8-759-445-59	IC BA033T	
IC309	8-759-445-59	IC BA033T	
IC310	8-759-231-53	IC TA7805S	
IC311	8-759-231-53	IC TA7805S	
IC312	8-759-231-53	IC TA7805S	
IC313	8-759-245-79	IC TA79005S	
IC314	8-759-231-53	IC TA7805S	
IC315	8-759-231-53	IC TA7805S	
IC316	8-759-231-53	IC TA7805S	
IC317	8-759-233-44	IC TC74HC595AF	
IC318	8-749-015-84	IC GP1F37R1(DVD/LD OPT IN)	
IC319	8-749-015-84	IC GP1F37R1(TV/SAT OPT IN)	
IC320	8-759-652-28	IC 2J1704U-2K	
IC321	8-759-652-28	IC 2J1704U-2K	
IC322	8-759-652-28	IC 2J1704U-2K	
IC323	8-759-652-28	IC 2J1704U-2K	
IC324	8-759-652-28	IC 2J1704U-2K	
IC325	8-759-652-28	IC 2J1704U-2K	
IC326	8-759-245-79	IC TA79005S	
IC327	8-759-245-79	IC TA79005S	
IC328	8-759-245-79	IC TA79005S	
IC330	8-759-242-70	IC TC7WU04F	
IC331	8-749-015-84	IC GP1F37R1(MD/DAT OPT IN)	
IC332	8-749-015-62	IC GP1F38T2(MD/DAT OPT OUT)	
IC333	8-759-996-46	IC BA6208F-T1	
IC334	8-759-242-74	IC TC7W04F	
IC335	8-759-242-70	IC TC7WU04F	
IC336	8-759-233-26	IC TC74HC393AF-TP1	
IC337	8-749-015-84	IC GP1F37R1(CD OPT IN)	
IC338	8-759-652-26	IC DF1704E-2K	
IC339	8-759-652-26	IC DF1704E-2K	
IC340	8-759-652-26	IC DF1704E-2K	
IC341	8-759-424-25	IC MC74HC151FEL	
IC342	8-759-233-66	IC TC74HCT04AF	
IC343	8-759-234-20	IC TC7S08F	
IC344	8-759-367-62	IC MC74HC157AFEL	
IC345	8-759-186-30	IC TC74VHC14F	
IC346	8-759-424-39	IC MC74HC244AFEL	
IC347	8-752-391-87	IC CXD2712R	
IC348	8-752-391-87	IC CXD2712R	
IC349	8-759-639-35	IC LC89055W-RA8	
IC350	8-759-598-06	IC S-80942ANMP-DD6-T2	(US,CND,MY,SP,AUS,CH)
IC350	8-759-635-63	IC M51943BSL(E,PX)	
IC351	8-759-186-69	IC TC74VHC367F	
IC352	8-759-662-66	IC TMP87C447U-1D99	
IC353	8-759-234-20	IC TC7S08F	
IC354	8-759-643-42	IC CXD9511AQ	
IC356	8-759-488-94	IC IDT71V256SA15Y-TL	
IC357	8-759-655-94	IC HD64F2134FA20-777C	
IC358	8-759-470-63	IC NJM2145M-TE2(US,CND)	
IC359	8-759-482-20	IC IDT71V124S15Y-TL	
IC360	8-759-482-20	IC IDT71V124S15Y-TL	
IC361	8-759-035-93	IC SC7S32F	
IC362	8-759-237-43	IC TC74HC393AF(EL)	
IC363	8-759-031-84	IC SC7S04F	
IC364	8-759-525-10	IC TC7SET08F(TE85L)	

DIGITAL

Ref. No.	Part No.	Description			Remarks
		< JACK >			
J301	1-568-750-21	JACK, PIN (1P SHIELD TYPE)			(DVD/LD COAX IN)
J302	1-568-750-21	JACK, PIN (1P SHIELD TYPE)			(CD COAX IN)
J303	1-764-188-21	JACK (SMALL TYPE) (DIA. 3.5)			(CTRL-S IN MONITOR)(US,CND)
J304	1-764-188-21	JACK (SMALL TYPE) (DIA. 3.5)			(CTRL-S OUT VIDEO1)(US,CND)
J305	1-764-188-21	JACK (SMALL TYPE) (DIA. 3.5)			(CTRL-S OUT DVD/LD)(US,CND)
J306	1-764-188-21	JACK (SMALL TYPE) (DIA. 3.5)			(STATUS IN TV/SAT)(US,CND)
		< JUMPER RESISTOR >			
JW301	1-216-295-91	SHORT	0 (US,CND)		
		< COIL >			
L301	1-410-385-11	INDUCTOR CHIP	22uH		
		< TRANSISTOR >			
Q301	8-729-018-59	TRANSISTOR	2SB1375-LC		
Q302	8-729-018-59	TRANSISTOR	2SB1375-LC		
Q303	8-729-421-22	TRANSISTOR	UN2211		
Q304	8-729-424-08	TRANSISTOR	UN2111		
Q305	8-729-421-22	TRANSISTOR	UN2211		
Q306	8-729-018-60	TRANSISTOR	2SD2012-LC		
Q307	8-729-024-91	TRANSISTOR	2SC2712-GL-TE85L		
Q308	8-729-024-91	TRANSISTOR	2SC2712-GL-TE85L		
Q309	8-729-216-22	TRANSISTOR	2SA1162-G		
Q310	8-729-018-60	TRANSISTOR	2SD2012-LC		
Q311	8-729-421-22	TRANSISTOR	UN2211		
Q312	8-729-424-08	TRANSISTOR	UN2111(US,CND)		
Q313	8-729-421-22	TRANSISTOR	UN2211(US,CND)		
		< RESISTOR >			
R301	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R302	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R303	1-208-462-41	RES-CHIP	10K	2%	1/10W
R304	1-208-462-41	RES-CHIP	10K	2%	1/10W
R305	1-208-462-41	RES-CHIP	10K	2%	1/10W
R306	1-208-462-41	RES-CHIP	10K	2%	1/10W
R307	1-259-995-11	CARBON MELF	1K	2%	1/8W
R308	1-259-983-11	CARBON MELF	100	2%	1/8W
R309	1-259-983-11	CARBON MELF	100	2%	1/8W
R310	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R311	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R312	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R313	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R314	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R315	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R316	1-208-755-11	RES-CHIP	75	2%	1/10W
R317	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R318	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R319	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R320	1-260-004-11	CARBON MELF	4.7K	2%	1/8W

Ref. No.	Part No.	Description			Remarks
R321	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R322	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R323	1-259-995-11	CARBON MELF	1K	2%	1/8W
R324	1-259-926-11	CARBON MELF	2K	2%	1/8W
R325	1-259-926-11	CARBON MELF	2K	2%	1/8W
R326	1-259-926-11	CARBON MELF	2K	2%	1/8W
R327	1-259-926-11	CARBON MELF	2K	2%	1/8W
R328	1-259-926-11	CARBON MELF	2K	2%	1/8W
R329	1-259-926-11	CARBON MELF	2K	2%	1/8W
R330	1-259-927-11	CARBON MELF	2.4K	2%	1/8W
R331	1-259-927-11	CARBON MELF	2.4K	2%	1/8W
R332	1-259-927-11	CARBON MELF	2.4K	2%	1/8W
R333	1-259-927-11	CARBON MELF	2.4K	2%	1/8W
R334	1-259-927-11	CARBON MELF	2.4K	2%	1/8W
R335	1-259-927-11	CARBON MELF	2.4K	2%	1/8W
⚠R336	1-217-785-11	FUSIBLE	15	5%	5W
⚠R337	1-217-786-11	FUSIBLE	22	5%	5W
R338	1-216-627-11	METAL CHIP	100	0.5%	1/10W
⚠R339	1-217-784-11	FUSIBLE	10	5%	5W
R340	1-220-753-11	CEMENTED	6.8	5%	5W
⚠R341	1-217-787-11	FUSIBLE	33	5%	5W
R342	1-259-983-11	CARBON MELF	100	2%	1/8W
R343	1-208-755-11	RES-CHIP	75	2%	1/10W
R344	1-259-983-11	CARBON MELF	100	2%	1/8W
R345	1-208-462-41	RES-CHIP	10K	2%	1/10W
R346	1-208-462-41	RES-CHIP	10K	2%	1/10W
R347	1-208-462-41	RES-CHIP	10K	2%	1/10W
R348	1-208-462-41	RES-CHIP	10K	2%	1/10W
R349	1-208-462-41	RES-CHIP	10K	2%	1/10W
R350	1-208-462-41	RES-CHIP	10K	2%	1/10W
R351	1-259-979-11	CARBON MELF	47	2%	1/8W
R352	1-259-995-11	CARBON MELF	1K	2%	1/8W
R353	1-208-437-41	RES-CHIP	1K	2%	1/10W
R354	1-208-462-41	RES-CHIP	10K	2%	1/10W
R355	1-208-437-41	RES-CHIP	1K	2%	1/10W
R363	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R364	1-208-425-41	RES-CHIP	330	2%	1/10W
R365	1-208-425-41	RES-CHIP	330	2%	1/10W
R366	1-208-425-41	RES-CHIP	330	2%	1/10W
R367	1-208-425-41	RES-CHIP	330	2%	1/10W
R368	1-208-462-41	RES-CHIP	10K	2%	1/10W
R369	1-208-462-41	RES-CHIP	10K	2%	1/10W
R370	1-208-425-41	RES-CHIP	330	2%	1/10W
R371	1-208-425-41	RES-CHIP	330	2%	1/10W
R372	1-208-425-41	RES-CHIP	330	2%	1/10W
R373	1-208-425-41	RES-CHIP	330	2%	1/10W
R374	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R375	1-208-425-41	RES-CHIP	330	2%	1/10W
R376	1-208-425-41	RES-CHIP	330	2%	1/10W
R377	1-208-425-41	RES-CHIP	330	2%	1/10W
R378	1-208-425-41	RES-CHIP	330	2%	1/10W
R379	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R380	1-208-425-41	RES-CHIP	330	2%	1/10W (US,CND,MY,SP,AUS,CH)
R381	1-208-425-41	RES-CHIP	330	2%	1/10W
R382	1-208-425-41	RES-CHIP	330	2%	1/10W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.	以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
R383	1-208-425-41	RES-CHIP	330	2%	1/10W
R384	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R385	1-218-776-11	METAL CHIP	1M	0.5%	1/10W
R386	1-208-776-11	RES-CHIP	560	2%	1/10W
R387	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R388	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R389	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R390	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R391	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R392	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R393	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R394	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R395	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R396	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R397	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R398	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R399	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R400	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R401	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R402	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R403	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R404	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R405	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R406	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R407	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R408	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R409	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R410	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R411	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R412	1-208-462-41	RES-CHIP	10K	2%	1/10W
R413	1-208-799-11	RES-CHIP	5.1K	2%	1/10W
R414	1-208-462-41	RES-CHIP	10K	2%	1/10W
R415	1-208-755-11	RES-CHIP	75	2%	1/10W
R416	1-208-799-11	RES-CHIP	5.1K	2%	1/10W
R417	1-216-673-11	METAL CHIP	8.2K	0.5%	1/10W
R418	1-218-776-11	METAL CHIP	1M	0.5%	1/10W
R419	1-208-462-41	RES-CHIP	10K	2%	1/10W
R420	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R421	1-208-462-41	RES-CHIP	10K	2%	1/10W
R422	1-208-462-41	RES-CHIP	10K	2%	1/10W
R423	1-208-462-41	RES-CHIP	10K	2%	1/10W
R424	1-216-603-11	METAL CHIP	10	0.5%	1/10W
R425	1-208-462-41	RES-CHIP	10K	2%	1/10W
R426	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R427	1-208-462-41	RES-CHIP	10K	2%	1/10W
R428	1-218-776-11	METAL CHIP	1M	0.5%	1/10W
R429	1-208-437-41	RES-CHIP	1K	2%	1/10W (US,CND)
R430	1-208-437-41	RES-CHIP	1K	2%	1/10W (US,CND)
R431	1-208-462-41	RES-CHIP	10K	2%	1/10W
R432	1-208-437-41	RES-CHIP	1K	2%	1/10W (US,CND)
R433	1-208-437-41	RES-CHIP	1K	2%	1/10W (US,CND)
R434	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R435	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R436	1-208-437-41	RES-CHIP	1K	2%	1/10W
R437	1-208-437-41	RES-CHIP	1K	2%	1/10W
R438	1-208-437-41	RES-CHIP	1K	2%	1/10W
R439	1-208-437-41	RES-CHIP	1K	2%	1/10W
R440	1-208-437-41	RES-CHIP	1K	2%	1/10W
R441	1-208-437-41	RES-CHIP	1K	2%	1/10W
R442	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R443	1-208-462-41	RES-CHIP	10K	2%	1/10W
R444	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R445	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R446	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R447	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R448	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R449	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R450	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R451	1-259-979-11	CARBON MELF	47	2%	1/8W
R452	1-259-979-11	CARBON MELF	47	2%	1/8W
R453	1-259-995-11	CARBON MELF	1K	2%	1/8W
R454	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R455	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R456	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R457	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R458	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R459	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R460	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R461	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R462	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R463	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R464	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R465	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R466	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R467	1-208-462-41	RES-CHIP	10K	2%	1/10W
R468	1-208-518-41	RES-CHIP	22K	2%	1/10W
R469	1-208-518-41	RES-CHIP	22K	2%	1/10W
R470	1-208-518-41	RES-CHIP	22K	2%	1/10W
R471	1-208-462-41	RES-CHIP	10K	2%	1/10W
R472	1-208-462-41	RES-CHIP	10K	2%	1/10W
R473	1-208-462-41	RES-CHIP	10K	2%	1/10W
R474	1-208-462-41	RES-CHIP	10K	2%	1/10W
R475	1-208-462-41	RES-CHIP	10K	2%	1/10W
R476	1-208-462-41	RES-CHIP	10K	2%	1/10W
R477	1-208-462-41	RES-CHIP	10K	2%	1/10W
R478	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R479	1-216-671-11	METAL CHIP	6.8K	0.5%	1/10W (CH)
R479	1-216-677-11	METAL CHIP	12K	0.5%	1/10W (MY,SP,AUS)
R479	1-216-685-11	METAL CHIP	27K	0.5%	1/10W (E,PX)
R480	1-208-462-41	RES-CHIP	10K	2%	1/10W
R481	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R482	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R483	1-208-462-41	RES-CHIP	10K	2%	1/10W
R484	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R485	1-208-518-41	RES-CHIP	22K	2%	1/10W
R486	1-208-518-41	RES-CHIP	22K	2%	1/10W
R487	1-208-518-41	RES-CHIP	22K	2%	1/10W
R488	1-208-462-41	RES-CHIP	10K	2%	1/10W
R489	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R490	1-208-462-41	RES-CHIP	10K	2%	1/10W

DIGITAL DISPLAY

Ref. No.	Part No.	Description			Remarks
R491	1-208-462-41	RES-CHIP	10K	2%	1/10W
⚠R492	1-212-865-00	FUSIBLE	22	5%	1/4W
R493	1-208-462-41	RES-CHIP	10K	2%	1/10W
R494	1-208-462-41	RES-CHIP	10K	2%	1/10W
R495	1-208-462-41	RES-CHIP	10K	2%	1/10W
R496	1-208-462-41	RES-CHIP	10K	2%	1/10W
R497	1-208-462-41	RES-CHIP	10K	2%	1/10W
R498	1-208-462-41	RES-CHIP	10K	2%	1/10W
R499	1-208-462-41	RES-CHIP	10K	2%	1/10W
R500	1-208-462-41	RES-CHIP	10K	2%	1/10W
R501	1-208-425-41	RES-CHIP	330	2%	1/10W
R502	1-208-425-41	RES-CHIP	330	2%	1/10W
R503	1-208-425-41	RES-CHIP	330	2%	1/10W
R504	1-208-425-41	RES-CHIP	330	2%	1/10W
R505	1-208-425-41	RES-CHIP	330	2%	1/10W
R506	1-208-425-41	RES-CHIP	330	2%	1/10W
R507	1-208-425-41	RES-CHIP	330	2%	1/10W
R508	1-208-425-41	RES-CHIP	330	2%	1/10W
R509	1-208-425-41	RES-CHIP	330	2%	1/10W
R510	1-208-425-41	RES-CHIP	330	2%	1/10W
R511	1-208-425-41	RES-CHIP	330	2%	1/10W
R512	1-208-425-41	RES-CHIP	330	2%	1/10W
R513	1-208-425-41	RES-CHIP	330	2%	1/10W
R514	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R515	1-208-425-41	RES-CHIP	330	2%	1/10W
R516	1-208-425-41	RES-CHIP	330	2%	1/10W
R517	1-208-425-41	RES-CHIP	330	2%	1/10W
R518	1-208-425-41	RES-CHIP	330	2%	1/10W
R519	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R520	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R521	1-208-425-41	RES-CHIP	330	2%	1/10W
R522	1-208-425-41	RES-CHIP	330	2%	1/10W
R523	1-208-425-41	RES-CHIP	330	2%	1/10W
R524	1-208-425-41	RES-CHIP	330	2%	1/10W
R525	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R526	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R527	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R528	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R529	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R530	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R531	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R532	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R533	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R534	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R535	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R536	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R537	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R538	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R539	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R540	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R541	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R542	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R543	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R544	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R545	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R546	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R547	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R548	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R549	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R550	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R551	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R552	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R553	1-208-425-41	RES-CHIP	330	2%	1/10W
R554	1-208-425-41	RES-CHIP	330	2%	1/10W
R555	1-208-425-41	RES-CHIP	330	2%	1/10W
R556	1-218-776-11	METAL CHIP	1M	0.5%	1/10W (US,CND,MY,SP,AUS,CH)
R557	1-208-425-41	RES-CHIP	330	2%	1/10W
R558	1-208-425-41	RES-CHIP	330	2%	1/10W
R559	1-208-425-41	RES-CHIP	330	2%	1/10W
R560	1-208-425-41	RES-CHIP	330	2%	1/10W
R561	1-218-776-11	METAL CHIP	1M	0.5%	1/10W
R562	1-208-425-41	RES-CHIP	330	2%	1/10W
R563	1-208-425-41	RES-CHIP	330	2%	1/10W
R564	1-208-425-41	RES-CHIP	330	2%	1/10W
R565	1-208-425-41	RES-CHIP	330	2%	1/10W
R566	1-208-425-41	RES-CHIP	330	2%	1/10W
R567	1-208-425-41	RES-CHIP	330	2%	1/10W
R568	1-208-425-41	RES-CHIP	330	2%	1/10W
R569	1-208-425-41	RES-CHIP	330	2%	1/10W
R570	1-208-425-41	RES-CHIP	330	2%	1/10W
R571	1-208-425-41	RES-CHIP	330	2%	1/10W
R572	1-208-425-41	RES-CHIP	330	2%	1/10W
R573	1-208-425-41	RES-CHIP	330	2%	1/10W
R574	1-208-425-41	RES-CHIP	330	2%	1/10W
R575	1-208-425-41	RES-CHIP	330	2%	1/10W
R576	1-208-425-41	RES-CHIP	330	2%	1/10W
R577	1-208-425-41	RES-CHIP	330	2%	1/10W
R578	1-208-425-41	RES-CHIP	330	2%	1/10W
R579	1-208-425-41	RES-CHIP	330	2%	1/10W
R580	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R581	1-215-863-11	METAL OXIDE	100	5%	1W
R582	1-216-214-00	RES-CHIP	4.7K	2%	1/8W
R583	1-208-425-41	RES-CHIP	330	2%	1/10W
R584	1-208-425-41	RES-CHIP	330	2%	1/10W
R586	1-208-425-41	RES-CHIP	330	2%	1/10W
R587	1-208-425-41	RES-CHIP	330	2%	1/10W
R588	1-414-232-22	INDUCTOR CHIP	0UH		
R589	1-208-425-41	RES-CHIP	330	2%	1/10W
R590	1-208-425-41	RES-CHIP	330	2%	1/10W

< VIBRATOR >

X301	1-781-465-21	VIBRATOR, CRYSTAL (12.288 MHz)
X302	1-781-464-21	VIBRATOR, CERAMIC (10 MHz)
X303	1-781-464-21	VIBRATOR, CERAMIC (10 MHz)
X304	1-767-938-21	VIBRATOR, CERAMIC (7.28 MHz)
X305	1-781-088-21	VIBRATOR, CERAMIC (20 MHz)

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	A-4426-440-A	DISPLAY BOARD, COMPLETE
		**********
	4-222-051-01	HOLDER (FL/L)
*	4-921-941-01	CUSHION (FL)
*	4-990-797-01	HOLDER (FL)

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
		< CAPACITOR >			
C101	1-127-736-11	ELECT MELF	10uF	20%	52V
C102	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C107	1-127-736-11	ELECT MELF	10uF	20%	52V
C115	1-127-736-11	ELECT MELF	10uF	20%	52V
C116	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C117	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C118	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C119	1-128-840-11	ELECT	47uF	20%	16V
C120	1-128-840-11	ELECT	47uF	20%	16V
C121	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C122	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C123	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C124	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C125	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C126	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C127	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C128	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C129	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C130	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C131	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C133	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C134	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C135	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C136	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C137	1-126-916-11	ELECT	1000uF	20%	6.3V
C138	1-126-916-11	ELECT	1000uF	20%	6.3V
C139	1-126-916-11	ELECT	1000uF	20%	6.3V
C140	1-126-916-11	ELECT	1000uF	20%	6.3V
C146	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C147	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C148	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C149	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C150	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C151	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C152	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C153	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C154	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C155	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C158	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C495	1-163-101-00	CERAMIC CHIP	22PF	5%	50V
		< CONNECTOR >			
* CN101	1-564-520-11	PLUG, CONNECTOR 5P			
* CN102	1-568-946-11	PIN, CONNECTOR 8P			
* CN103	1-568-941-11	PIN, CONNECTOR 3P			
CN104	1-506-481-11	PIN, CONNECTOR 2P			
* CN105	1-564-517-11	PLUG, CONNECTOR 2P			
CN106	1-691-644-11	SOCKET, CONNECTOR 7P			
CN107	1-770-636-11	CONNECTOR, FFC/FPC 5P			
CN110	1-784-792-11	CONNECTOR, FFC 31P			
* CN118	1-568-944-11	PIN, CONNECTOR 6P			
		< DIODE >			
D102	8-719-105-82	DIODE RD5.1M-B2			
D111	8-719-820-05	DIODE 1SS181			
D112	8-719-820-05	DIODE 1SS181			

Ref. No.	Part No.	Description			Remarks
		< FERRITE BEAD >			
FB101	1-469-365-21	FERRITE 0UH			
FB102	1-469-365-21	FERRITE 0UH			
FB103	1-469-365-21	FERRITE 0UH			
FB104	1-469-365-21	FERRITE 0UH			
FB105	1-469-365-21	FERRITE 0UH			
		< FILTER >			
FL101	1-517-781-21	INDICATOR TUBE, FLUORESCENT			
FL102	1-517-905-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC101	8-759-633-65	IC M54641L			
IC102	8-759-640-41	IC BR24C08F-WE2			
IC103	8-759-655-95	IC HD64F2134FA20-777D			
IC107	8-759-642-81	IC MSM9202-11GS-KDR1			
IC108	8-759-075-35	IC TD62C950RF			
IC109	8-759-999-53	IC MSC1164GS-K			
IC111	8-759-035-93	IC SC7S32F			
		< TRANSISTOR >			
Q101	8-729-422-38	TRANSISTOR 2SB709A-S			
Q102	8-729-422-38	TRANSISTOR 2SB709A-S			
Q103	8-729-422-38	TRANSISTOR 2SB709A-S			
Q104	8-729-422-38	TRANSISTOR 2SB709A-S			
Q105	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q106	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q107	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q108	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q112	8-729-424-18	TRANSISTOR UN2113-TX			
		< RESISTOR >			
R101	1-208-462-41	RES-CHIP	10K	2%	1/10W
R105	1-208-462-41	RES-CHIP	10K	2%	1/10W
R111	1-216-380-11	METAL OXIDE	8.2	5%	2W
R118	1-218-776-11	METAL CHIP	1M	0.5%	1/10W
R120	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R121	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R122	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R123	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R125	1-216-635-11	METAL CHIP	220	0.5%	1/10W
R126	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R127	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R128	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R129	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R136	1-208-449-41	RES-CHIP	3.3K	2%	1/10W
R138	1-208-462-41	RES-CHIP	10K	2%	1/10W
R139	1-208-462-41	RES-CHIP	10K	2%	1/10W
R140	1-208-462-41	RES-CHIP	10K	2%	1/10W
R141	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R142	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R143	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R144	1-208-462-41	RES-CHIP	10K	2%	1/10W
R145	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R146	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
R147	1-208-462-41	RES-CHIP	10K	2%	1/10W
R148	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W

DISPLAY

Ref. No.	Part No.	Description			Remarks
R149	1-208-437-41	RES-CHIP	1K	2%	1/10W
R150	1-208-437-41	RES-CHIP	1K	2%	1/10W
R151	1-216-647-11	METAL CHIP	680	0.5%	1/10W
R152	1-216-647-11	METAL CHIP	680	0.5%	1/10W
R153	1-208-774-11	RES-CHIP	470	2%	1/10W
R154	1-208-774-11	RES-CHIP	470	2%	1/10W
R155	1-208-425-41	RES-CHIP	330	2%	1/10W
R156	1-208-425-41	RES-CHIP	330	2%	1/10W
R157	1-208-462-41	RES-CHIP	10K	2%	1/10W
R158	1-208-462-41	RES-CHIP	10K	2%	1/10W
R159	1-208-462-41	RES-CHIP	10K	2%	1/10W
R160	1-208-449-41	RES-CHIP	3.3K	2%	1/10W
R161	1-208-462-41	RES-CHIP	10K	2%	1/10W
R162	1-208-462-41	RES-CHIP	10K	2%	1/10W
R163	1-208-462-41	RES-CHIP	10K	2%	1/10W
R164	1-208-462-41	RES-CHIP	10K	2%	1/10W
R165	1-208-462-41	RES-CHIP	10K	2%	1/10W
R166	1-208-462-41	RES-CHIP	10K	2%	1/10W
R167	1-208-462-41	RES-CHIP	10K	2%	1/10W
R168	1-208-462-41	RES-CHIP	10K	2%	1/10W
R169	1-208-462-41	RES-CHIP	10K	2%	1/10W
R170	1-208-462-41	RES-CHIP	10K	2%	1/10W
R171	1-208-462-41	RES-CHIP	10K	2%	1/10W
R172	1-208-462-41	RES-CHIP	10K	2%	1/10W
R173	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R174	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R175	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R176	1-208-462-41	RES-CHIP	10K	2%	1/10W
R177	1-208-462-41	RES-CHIP	10K	2%	1/10W
R178	1-208-462-41	RES-CHIP	10K	2%	1/10W
R179	1-208-462-41	RES-CHIP	10K	2%	1/10W
R180	1-208-462-41	RES-CHIP	10K	2%	1/10W
R181	1-208-462-41	RES-CHIP	10K	2%	1/10W
R182	1-208-462-41	RES-CHIP	10K	2%	1/10W
R183	1-208-810-11	RES-CHIP	15K	2%	1/10W
R189	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R190	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R191	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R192	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R193	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R194	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R195	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R196	1-216-619-11	METAL CHIP	47	0.5%	1/10W
R197	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R198	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R199	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R200	1-216-298-00	METAL CHIP	2.2	5%	1/10W
R201	1-208-810-11	RES-CHIP	15K	2%	1/10W
R202	1-208-810-11	RES-CHIP	15K	2%	1/10W
R203	1-208-810-11	RES-CHIP	15K	2%	1/10W
R204	1-208-810-11	RES-CHIP	15K	2%	1/10W
R205	1-208-774-11	RES-CHIP	470	2%	1/10W
R206	1-208-774-11	RES-CHIP	470	2%	1/10W
R207	1-208-774-11	RES-CHIP	470	2%	1/10W
R208	1-208-774-11	RES-CHIP	470	2%	1/10W
R209	1-208-462-41	RES-CHIP	10K	2%	1/10W
R210	1-208-462-41	RES-CHIP	10K	2%	1/10W
R211	1-208-462-41	RES-CHIP	10K	2%	1/10W
R212	1-208-462-41	RES-CHIP	10K	2%	1/10W
R213	1-208-462-41	RES-CHIP	10K	2%	1/10W

Ref. No.	Part No.	Description			Remarks
R214	1-208-462-41	RES-CHIP	10K	2%	1/10W
R215	1-208-462-41	RES-CHIP	10K	2%	1/10W
R216	1-208-462-41	RES-CHIP	10K	2%	1/10W
R217	1-208-462-41	RES-CHIP	10K	2%	1/10W
R218	1-208-462-41	RES-CHIP	10K	2%	1/10W
R219	1-208-462-41	RES-CHIP	10K	2%	1/10W
R220	1-208-462-41	RES-CHIP	10K	2%	1/10W
R221	1-208-462-41	RES-CHIP	10K	2%	1/10W
R222	1-208-462-41	RES-CHIP	10K	2%	1/10W
R223	1-208-462-41	RES-CHIP	10K	2%	1/10W
R224	1-208-462-41	RES-CHIP	10K	2%	1/10W
R225	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R226	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R227	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R228	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R229	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R230	1-216-613-11	METAL CHIP	27	0.5%	1/10W
R233	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R234	1-208-774-11	RES-CHIP	470	2%	1/10W
R235	1-208-774-11	RES-CHIP	470	2%	1/10W
R236	1-208-774-11	RES-CHIP	470	2%	1/10W
R237	1-208-774-11	RES-CHIP	470	2%	1/10W
R238	1-208-774-11	RES-CHIP	470	2%	1/10W
R239	1-208-774-11	RES-CHIP	470	2%	1/10W
R240	1-208-774-11	RES-CHIP	470	2%	1/10W
R241	1-208-774-11	RES-CHIP	470	2%	1/10W
R242	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R243	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R244	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R245	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R246	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R247	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R248	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R249	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R250	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R251	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R252	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R253	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R254	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R255	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R256	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R257	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R258	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R259	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R260	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R261	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R262	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R263	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R264	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R265	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R266	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R267	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R268	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R269	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R270	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R271	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R272	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R273	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R274	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R275	1-216-627-11	METAL CHIP	100	0.5%	1/10W

Ref. No.	Part No.	Description			Remarks
R276	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R277	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R278	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R279	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R280	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R281	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R282	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R283	1-216-627-11	METAL CHIP	100	0.5%	1/10W
R287	1-216-627-11	METAL CHIP	100	0.5%	1/10W
		< SWITCH >			
S118	1-762-875-21	SWITCH, KEYBOARD(TUNER PRESET-)			
S119	1-762-875-21	SWITCH, KEYBOARD(SOUND FIELD PRESET-)			
S120	1-762-875-21	SWITCH, KEYBOARD(MODE-)			
S121	1-762-875-21	SWITCH, KEYBOARD(MEMORY)			
S122	1-762-875-21	SWITCH, KEYBOARD(FM/AM)			
S123	1-762-875-21	SWITCH, KEYBOARD(TUNER PRESET+)			
S124	1-762-875-21	SWITCH, KEYBOARD(SOUND FIELD PRESET+)			
S125	1-762-875-21	SWITCH, KEYBOARD(A.F.D)			
S126	1-762-875-21	SWITCH, KEYBOARD(MODE+)			
S127	1-762-875-21	SWITCH, KEYBOARD(2 CH)			
S128	1-762-875-21	SWITCH, KEYBOARD(ANALOG DIRECT)			
S129	1-762-875-21	SWITCH, KEYBOARD(EQ BANK)			
S130	1-762-875-21	SWITCH, KEYBOARD(5.1CH INPUT)			
		< VIBRATOR >			
X101	1-781-088-21	VIBRATOR, CERAMIC (20 MHz)			
**********					
	A-4426-459-A	E VOL BOARD, COMPLETE			
		**********			
		< BUS BAR >			
BB2001	1-568-129-11	BAR, BUS 8P			
		< CAPACITOR >			
C1103	1-128-858-11	ELECT	22uF	20%	50V
C1104	1-128-858-11	ELECT	22uF	20%	50V
C1153	1-128-858-11	ELECT	22uF	20%	50V
C1154	1-128-858-11	ELECT	22uF	20%	50V
C2301	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2302	1-102-121-00	CERAMIC	2200PF	10%	50V
C2303	1-102-121-00	CERAMIC	2200PF	10%	50V
C2304	1-107-504-11	CERAMIC	10PF	0.5PF	500V
C2305	1-119-820-11	ELECT	1uF	20%	50V
C2306	1-128-858-11	ELECT	22uF	20%	50V
C2311	1-128-858-11	ELECT	22uF	20%	50V
C2312	1-128-858-11	ELECT	22uF	20%	50V
C2313	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2314	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2315	1-136-165-00	MYLAR	0.1uF	5%	50V
C2316	1-136-165-00	MYLAR	0.1uF	5%	50V
C2317	1-136-165-00	MYLAR	0.1uF	5%	50V
C2319	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2340	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C2345	1-163-001-11	CERAMIC CHIP	220PF	10%	50V

Ref. No.	Part No.	Description			Remarks
C2346	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C2352	1-102-121-00	CERAMIC	2200PF	10%	50V
C2353	1-102-121-00	CERAMIC	2200PF	10%	50V
C2354	1-107-504-11	CERAMIC	10PF	0.5PF	500V
C2355	1-119-820-11	ELECT	1uF	20%	50V
C2356	1-128-858-11	ELECT	22uF	20%	50V
C2361	1-128-858-11	ELECT	22uF	20%	50V
C2362	1-128-858-11	ELECT	22uF	20%	50V
C2400	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C2401	1-128-858-11	ELECT	22uF	20%	50V
C2402	1-128-858-11	ELECT	22uF	20%	50V
C2403	1-128-858-11	ELECT	22uF	20%	50V
C2404	1-107-504-11	CERAMIC	10PF	0.5PF	500V
C2405	1-119-820-11	ELECT	1uF	20%	50V
C2406	1-128-858-11	ELECT	22uF	20%	50V
C2411	1-128-858-11	ELECT	22uF	20%	50V
C2412	1-128-858-11	ELECT	22uF	20%	50V
C2413	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2414	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2415	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2451	1-128-860-11	ELECT	47uF	20%	50V
C2452	1-128-858-11	ELECT	22uF	20%	50V
C2453	1-128-858-11	ELECT	22uF	20%	50V
C2454	1-107-504-11	CERAMIC	10PF	0.5PF	500V
C2455	1-119-820-11	ELECT	1uF	20%	50V
C2456	1-128-858-11	ELECT	22uF	20%	50V
C2457	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2458	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2459	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2462	1-128-858-11	ELECT	22uF	20%	50V
C2500	1-163-001-11	CERAMIC CHIP	220PF	10%	50V
C2501	1-128-858-11	ELECT	22uF	20%	50V
C2502	1-128-858-11	ELECT	22uF	20%	50V
C2503	1-128-858-11	ELECT	22uF	20%	50V
C2504	1-107-504-11	CERAMIC	10PF	0.5PF	500V
C2505	1-119-820-11	ELECT	1uF	20%	50V
C2506	1-128-858-11	ELECT	22uF	20%	50V
C2511	1-128-858-11	ELECT	22uF	20%	50V
C2512	1-128-858-11	ELECT	22uF	20%	50V
C2513	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2514	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2515	1-165-319-11	CERAMIC CHIP	0.1uF		50V
C2551	1-128-858-11	ELECT	22uF	20%	50V
C2552	1-128-858-11	ELECT	22uF	20%	50V
C2553	1-128-858-11	ELECT	22uF	20%	50V
C2554	1-107-504-11	CERAMIC	10PF	0.5PF	500V
C2555	1-119-820-11	ELECT	1uF	20%	50V
C2556	1-128-858-11	ELECT	22uF	20%	50V
C2561	1-128-858-11	ELECT	22uF	20%	50V
C2562	1-128-858-11	ELECT	22uF	20%	50V
C3101	1-119-824-11	ELECT MELF	10uF	20%	50V
C3102	1-119-824-11	ELECT MELF	10uF	20%	50V
C3103	1-137-504-11	MYLAR	150PF	5%	50V
C3104	1-137-504-11	MYLAR	150PF	5%	50V
C3110	1-119-827-11	ELECT MELF	100uF	20%	25V
C3111	1-136-165-00	MYLAR	0.1uF	5%	50V
C3151	1-119-824-11	ELECT MELF	10uF	20%	50V
C3152	1-119-824-11	ELECT MELF	10uF	20%	50V
C3153	1-137-504-11	MYLAR	150PF	5%	50V
C3154	1-137-504-11	MYLAR	150PF	5%	50V

E VOL

Ref. No.	Part No.	Description			Remarks
C3155	1-119-824-11	ELECT MELF	10uF	20%	50V
C3156	1-136-165-00	MYLAR	0.1uF	5%	50V
C3207	1-136-165-00	MYLAR	0.1uF	5%	50V
C3208	1-136-165-00	MYLAR	0.1uF	5%	50V
C3210	1-127-726-51	ELECT MELF	470uF	20%	25V
C3260	1-127-726-51	ELECT MELF	470uF	20%	25V
C3307	1-136-165-00	MYLAR	0.1uF	5%	50V
C3308	1-136-165-00	MYLAR	0.1uF	5%	50V
C3310	1-119-827-11	ELECT MELF	100uF	20%	25V
C3311	1-119-804-21	ELECT	1000uF	20%	25V
C3312	1-119-804-21	ELECT	1000uF	20%	25V
C3357	1-136-165-00	MYLAR	0.1uF	5%	50V
C3358	1-136-165-00	MYLAR	0.1uF	5%	50V
C3360	1-119-827-11	ELECT MELF	100uF	20%	25V
C3361	1-119-804-21	ELECT	1000uF	20%	25V
C3362	1-119-804-21	ELECT	1000uF	20%	25V
C3409	1-127-726-51	ELECT MELF	470uF	20%	25V
C3457	1-136-165-00	MYLAR	0.1uF	5%	50V
C3458	1-136-165-00	MYLAR	0.1uF	5%	50V
C3459	1-127-726-51	ELECT MELF	470uF	20%	25V
		< CONNECTOR >			
CN2001	1-691-768-11	PLUG (MICRO CONNECTOR) 6P			
CN2002	1-691-771-11	PLUG (MICRO CONNECTOR) 9P			
CN2004	1-691-765-21	PLUG (MICRO CONNECTOR) 3P			
CN2005	1-779-768-11	SOCKET, CONNECTOR 29P			
CN2006	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
* CN2007	1-564-512-11	PLUG, CONNECTOR 9P			
* CN2008	1-564-507-11	PLUG, CONNECTOR 4P			
CN2010	1-691-765-21	PLUG (MICRO CONNECTOR) 3P			
CN2011	1-691-765-21	PLUG (MICRO CONNECTOR) 3P			
CN2012	1-691-765-31	PLUG (MICRO CONNECTOR) 3P			
CN2013	1-691-765-31	PLUG (MICRO CONNECTOR) 3P			
CN2014	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CN2015	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
		< DIODE >			
D2301	8-719-016-74	DIODE 1SS352			
D2302	8-719-820-05	DIODE 1SS181			
D2312	8-719-016-74	DIODE 1SS352			
D2313	8-719-016-74	DIODE 1SS352			
D2314	8-719-016-74	DIODE 1SS352			
D2362	8-719-016-74	DIODE 1SS352			
D2363	8-719-016-74	DIODE 1SS352			
D2364	8-719-016-74	DIODE 1SS352			
D2402	8-719-820-05	DIODE 1SS181			
D2412	8-719-016-74	DIODE 1SS352			
D2413	8-719-016-74	DIODE 1SS352			
D2414	8-719-016-74	DIODE 1SS352			
D2452	8-719-016-74	DIODE 1SS352			
D2453	8-719-016-74	DIODE 1SS352			
D2454	8-719-016-74	DIODE 1SS352			
D2502	8-719-820-05	DIODE 1SS181			
D2512	8-719-016-74	DIODE 1SS352			
D2513	8-719-016-74	DIODE 1SS352			
D2514	8-719-016-74	DIODE 1SS352			
D2562	8-719-016-74	DIODE 1SS352			

Ref. No.	Part No.	Description	Remarks
D2563	8-719-016-74	DIODE 1SS352	
D2564	8-719-016-74	DIODE 1SS352	
D2601	8-719-820-05	DIODE 1SS181	
		< IC >	
IC1104	8-759-711-85	IC NJM4580E-D	
IC2301	8-759-711-85	IC NJM4580E-D	
IC2302	8-759-711-85	IC NJM4580E-D	
IC2304	8-759-711-85	IC NJM4580E-D	
IC2305	8-759-655-98	IC TC9162AN	
IC2306	8-759-204-29	IC TC9163N	
IC2307	8-759-032-59	IC MC74HC595AF	
IC2308	8-759-032-59	IC MC74HC595AF	
IC2309	8-759-433-92	IC TC7W14F-TE12L	
IC2401	8-759-534-63	IC TC9299P	
IC2402	8-759-711-85	IC NJM4580E-D	
IC2403	8-759-711-85	IC NJM4580E-D	
IC2404	8-759-711-85	IC NJM4580E-D	
IC2405	8-759-711-85	IC NJM4580E-D	
IC2501	8-759-534-63	IC TC9299P	
IC2502	8-759-711-85	IC NJM4580E-D	
IC2503	8-759-711-85	IC NJM4580E-D	
IC2504	8-759-711-85	IC NJM4580E-D	
IC2505	8-759-711-85	IC NJM4580E-D	
IC2601	8-759-711-85	IC NJM4580E-D	
IC2602	8-759-711-85	IC NJM4580E-D	
IC2603	8-759-711-85	IC NJM4580E-D	
IC3105	8-759-604-35	IC M5F78M05L	
IC3205	8-759-231-59	IC TA7815S	
IC3305	8-759-604-40	IC M5F78M15	
IC3306	8-759-604-46	IC M5F79M15	
IC3455	8-759-245-87	IC TA7915S	
		< TRANSISTOR >	
Q2301	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2302	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2303	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2304	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2305	8-729-424-08	TRANSISTOR UN2111	
Q2306	8-729-421-19	TRANSISTOR UN2213	
Q2307	8-729-424-08	TRANSISTOR UN2111	
Q2308	8-729-421-19	TRANSISTOR UN2213	
Q2310	8-729-424-08	TRANSISTOR UN2111	
Q2311	8-729-421-19	TRANSISTOR UN2213	
Q2312	8-729-424-08	TRANSISTOR UN2111	
Q2313	8-729-421-19	TRANSISTOR UN2213	
Q2314	8-729-424-08	TRANSISTOR UN2111	
Q2315	8-729-421-19	TRANSISTOR UN2213	
Q2351	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2352	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2353	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2354	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2401	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q2402	8-729-107-46	TRANSISTOR 2SC3624A-L15	

Ref. No.	Part No.	Description				Remarks
Q2403	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2404	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2410	8-729-424-08	TRANSISTOR	UN2111			
Q2411	8-729-421-19	TRANSISTOR	UN2213			
Q2412	8-729-424-08	TRANSISTOR	UN2111			
Q2413	8-729-421-19	TRANSISTOR	UN2213			
Q2414	8-729-424-08	TRANSISTOR	UN2111			
Q2415	8-729-421-19	TRANSISTOR	UN2213			
Q2451	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2452	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2453	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2454	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2460	8-729-424-08	TRANSISTOR	UN2111			
Q2461	8-729-421-19	TRANSISTOR	UN2213			
Q2462	8-729-424-08	TRANSISTOR	UN2111			
Q2463	8-729-421-19	TRANSISTOR	UN2213			
Q2464	8-729-424-08	TRANSISTOR	UN2111			
Q2465	8-729-421-19	TRANSISTOR	UN2213			
Q2501	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2502	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2503	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2504	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2510	8-729-424-08	TRANSISTOR	UN2111			
Q2511	8-729-421-19	TRANSISTOR	UN2213			
Q2512	8-729-424-08	TRANSISTOR	UN2111			
Q2513	8-729-421-19	TRANSISTOR	UN2213			
Q2514	8-729-424-08	TRANSISTOR	UN2111			
Q2515	8-729-421-19	TRANSISTOR	UN2213			
Q2551	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2552	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2553	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2554	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2601	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q2602	8-729-424-08	TRANSISTOR	UN2111			
Q2603	8-729-421-19	TRANSISTOR	UN2213			
Q2651	8-729-107-46	TRANSISTOR	2SC3624A-L15			
Q3156	8-729-107-46	TRANSISTOR	2SC3624A-L15			
		< RESISTOR >				
R1113	1-260-020-11	CARBON MELF	100K	2%	1/8W	
R1114	1-260-020-11	CARBON MELF	100K	2%	1/8W	
R1115	1-216-254-00	CARBON MELF	220K	2%	1/8W	
R1163	1-260-020-11	CARBON MELF	100K	2%	1/8W	
R1164	1-260-020-11	CARBON MELF	100K	2%	1/8W	
R1165	1-216-254-00	CARBON MELF	220K	2%	1/8W	
R2296	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2297	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2298	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2299	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2301	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2303	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2305	1-260-026-11	CARBON MELF	330K	2%	1/8W	
R2306	1-259-929-11	CARBON MELF	3.6K	2%	1/8W	
R2307	1-260-002-11	CARBON MELF	3.3K	2%	1/8W	
R2308	1-260-008-11	CARBON MELF	10K	2%	1/8W	
R2309	1-259-998-11	CARBON MELF	1.8K	2%	1/8W	
R2310	1-259-925-11	CARBON MELF	1.6K	2%	1/8W	
R2311	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2312	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	

Ref. No.	Part No.	Description				Remarks
R2313	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2314	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2315	1-216-254-00	CARBON MELF	220K	2%	1/8W	
R2316	1-216-254-00	CARBON MELF	220K	2%	1/8W	
R2317	1-260-010-11	CARBON MELF	15K	2%	1/8W	
R2318	1-260-020-11	CARBON MELF	100K	2%	1/8W	
R2319	1-260-008-11	CARBON MELF	10K	2%	1/8W	
R2320	1-260-008-11	CARBON MELF	10K	2%	1/8W	
R2321	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2322	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2323	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2324	1-260-010-11	CARBON MELF	15K	2%	1/8W	
R2325	1-260-010-11	CARBON MELF	15K	2%	1/8W	
R2326	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R2327	1-216-254-00	CARBON MELF	220K	2%	1/8W	
R2328	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2329	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2330	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2331	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2332	1-216-699-11	METAL CHIP	100K	0.5%	1/10W	
R2333	1-216-635-11	METAL CHIP	220	0.5%	1/10W	
R2334	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2335	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2336	1-260-012-11	CARBON MELF	22K	2%	1/8W	
R2337	1-260-013-11	CARBON MELF	27K	2%	1/8W	
R2338	1-260-012-11	CARBON MELF	22K	2%	1/8W	
R2339	1-260-012-11	CARBON MELF	22K	2%	1/8W	
R2340	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2341	1-216-699-11	METAL CHIP	100K	0.5%	1/10W	
R2342	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2343	1-216-699-11	METAL CHIP	100K	0.5%	1/10W	
R2345	1-216-699-11	METAL CHIP	100K	0.5%	1/10W	
R2346	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2347	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2348	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2349	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2351	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2353	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2355	1-260-026-11	CARBON MELF	330K	2%	1/8W	
R2356	1-259-929-11	CARBON MELF	3.6K	2%	1/8W	
R2357	1-260-002-11	CARBON MELF	3.3K	2%	1/8W	
R2358	1-260-008-11	CARBON MELF	10K	2%	1/8W	
R2359	1-259-998-11	CARBON MELF	1.8K	2%	1/8W	
R2360	1-259-925-11	CARBON MELF	1.6K	2%	1/8W	
R2361	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2362	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2363	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2364	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2365	1-216-254-00	CARBON MELF	220K	2%	1/8W	
R2368	1-260-020-11	CARBON MELF	100K	2%	1/8W	
R2369	1-260-008-11	CARBON MELF	10K	2%	1/8W	
R2370	1-260-008-11	CARBON MELF	10K	2%	1/8W	
R2380	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2381	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R2396	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2397	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2398	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2399	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R2400	1-208-437-41	RES-CHIP	1K	2%	1/10W	
R2401	1-216-254-00	CARBON MELF	220K	2%	1/8W	

E VOL

Ref. No.	Part No.	Description			Remarks
R2402	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2403	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2404	1-259-983-11	CARBON MELF	100	2%	1/8W
R2405	1-260-026-11	CARBON MELF	330K	2%	1/8W
R2406	1-259-929-11	CARBON MELF	3.6K	2%	1/8W
R2407	1-260-002-11	CARBON MELF	3.3K	2%	1/8W
R2408	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2409	1-259-998-11	CARBON MELF	1.8K	2%	1/8W
R2410	1-259-925-11	CARBON MELF	1.6K	2%	1/8W
R2411	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2412	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2413	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2414	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2415	1-260-020-11	CARBON MELF	100K	2%	1/8W
R2419	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2420	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2421	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2424	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2425	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2426	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2427	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2430	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2431	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2441	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2443	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2445	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2446	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2447	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2448	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2449	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2451	1-260-020-11	CARBON MELF	100K	2%	1/8W
R2452	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2453	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2454	1-259-983-11	CARBON MELF	100	2%	1/8W
R2455	1-260-026-11	CARBON MELF	330K	2%	1/8W
R2456	1-259-929-11	CARBON MELF	3.6K	2%	1/8W
R2457	1-260-002-11	CARBON MELF	3.3K	2%	1/8W
R2458	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2459	1-259-998-11	CARBON MELF	1.8K	2%	1/8W
R2460	1-259-925-11	CARBON MELF	1.6K	2%	1/8W
R2461	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2462	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2463	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2464	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2465	1-260-020-11	CARBON MELF	100K	2%	1/8W
R2468	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2469	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2470	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2471	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2474	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2480	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2481	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2491	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2493	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2495	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2496	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2497	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2498	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2499	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2500	1-208-437-41	RES-CHIP	1K	2%	1/10W

Ref. No.	Part No.	Description			Remarks
R2501	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2502	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2503	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2504	1-259-983-11	CARBON MELF	100	2%	1/8W
R2505	1-260-026-11	CARBON MELF	330K	2%	1/8W
R2506	1-259-929-11	CARBON MELF	3.6K	2%	1/8W
R2507	1-260-002-11	CARBON MELF	3.3K	2%	1/8W
R2508	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2509	1-259-998-11	CARBON MELF	1.8K	2%	1/8W
R2510	1-259-925-11	CARBON MELF	1.6K	2%	1/8W
R2511	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2512	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2513	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2514	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2515	1-260-020-11	CARBON MELF	100K	2%	1/8W
R2519	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2520	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2521	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2524	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2525	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2526	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2527	1-208-437-41	RES-CHIP	1K	2%	1/10W
R2530	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2531	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2541	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2543	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2545	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2546	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2547	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2548	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2549	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2551	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2552	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2553	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2554	1-259-983-11	CARBON MELF	100	2%	1/8W
R2555	1-260-026-11	CARBON MELF	330K	2%	1/8W
R2556	1-259-929-11	CARBON MELF	3.6K	2%	1/8W
R2557	1-260-002-11	CARBON MELF	3.3K	2%	1/8W
R2558	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2559	1-259-998-11	CARBON MELF	1.8K	2%	1/8W
R2560	1-259-925-11	CARBON MELF	1.6K	2%	1/8W
R2561	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2562	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2563	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2564	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2565	1-260-020-11	CARBON MELF	100K	2%	1/8W
R2569	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2570	1-260-008-11	CARBON MELF	10K	2%	1/8W
R2571	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2574	1-216-254-00	CARBON MELF	220K	2%	1/8W
R2580	1-259-995-11	CARBON MELF	1K	2%	1/8W
R2581	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
R2601	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R2602	1-208-462-41	RES-CHIP	10K	2%	1/10W
R2603	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R2651	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R2652	1-208-462-41	RES-CHIP	10K	2%	1/10W
R3101	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R3102	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R3103	1-260-001-11	CARBON MELF	2.7K	2%	1/8W

Ref. No.	Part No.	Description			Remarks
R3104	1-260-003-11	CARBON MELF	3.9K	2%	1/8W
R3105	1-259-979-11	CARBON MELF	47	2%	1/8W
R3106	1-260-001-11	CARBON MELF	2.7K	2%	1/8W
R3107	1-260-003-11	CARBON MELF	3.9K	2%	1/8W
R3108	1-259-979-11	CARBON MELF	47	2%	1/8W
R3151	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R3152	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R3153	1-260-001-11	CARBON MELF	2.7K	2%	1/8W
R3154	1-260-003-11	CARBON MELF	3.9K	2%	1/8W
R3155	1-259-979-11	CARBON MELF	47	2%	1/8W
R3156	1-260-001-11	CARBON MELF	2.7K	2%	1/8W
R3157	1-260-003-11	CARBON MELF	3.9K	2%	1/8W
R3158	1-259-979-11	CARBON MELF	47	2%	1/8W
R3161	1-260-008-11	CARBON MELF	10K	2%	1/8W
R3162	1-259-984-11	CARBON MELF	120	2%	1/8W
R3163	1-259-943-11	CARBON MELF	51K	2%	1/8W
R3313	1-208-462-41	RES-CHIP	10K	2%	1/10W
		< RELAY >			
RY2301	1-755-294-11	RELAY			
**********					
	1-675-066-11	FUNCTION SW BOARD			
		**********			
		< VARIABLE RESISTOR >			
RV102	1-418-589-11	ENCODER, ROTARY(INPUT SELECTOR)			
		< SWITCH >			
S111	1-762-875-21	SWITCH, KEYBOARD(DIGITAL/ANALOG)			
S113	1-762-875-21	SWITCH, KEYBOARD(AUDIO SPLIT)			
S115	1-762-875-21	SWITCH, KEYBOARD(OPEN/CLOSE)			
**********					
	1-675-092-11	GEAR BOARD			
		**********			
		< CONNECTOR >			
* CN114	1-568-941-11	PIN, CONNECTOR 3P			
		< SWITCH >			
S112	1-762-983-11	SWITCH, PUSH(OPEN)			
S114	1-762-984-11	SWITCH, PUSH(CLOSE)			
**********					
	1-675-093-11	HP BOARD			
		**********			
		< CAPACITOR >			
C143	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C144	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C145	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C156	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
C157	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V
		< CONNECTOR >			
CN115	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			

Ref. No.	Part No.	Description			Remarks
		< FERRITE BEAD >			
FB106	1-469-365-21	FERRITE 0UH			
FB107	1-469-365-21	FERRITE 0UH			
		< JACK >			
J103	1-580-439-11	JACK, LARGE TYPE(PHONES)			
		< RESISTOR >			
R231	1-215-868-00	METAL OXIDE	680	5%	1W
R232	1-215-868-00	METAL OXIDE	680	5%	1W
**********					
	1-675-097-11	JOG BOARD			
		**********			
		< CONNECTOR >			
CN109	1-774-739-11	CONNECTOR, FFC/FPC 5P			
		< RESISTOR >			
R107	1-208-425-41	RES-CHIP	330	2%	1/10W
R109	1-208-774-11	RES-CHIP	470	2%	1/10W
R110	1-216-647-11	METAL CHIP	680	0.5%	1/10W
R112	1-208-437-41	RES-CHIP	1K	2%	1/10W
R113	1-216-655-11	METAL CHIP	1.5K	0.5%	1/10W
R114	1-208-445-41	RES-CHIP	2.2K	2%	1/10W
R115	1-208-453-41	RES-CHIP	4.7K	2%	1/10W
		< VARIABLE RESISTOR >			
RV101	1-418-590-11	ENCODER, ROTARY(JOG DIAL)			
		< SWITCH >			
S101	1-771-544-11	SWITCH, TACTILE(ENTER)			
S102	1-771-544-11	SWITCH, TACTILE(>)			
S103	1-771-544-11	SWITCH, TACTILE(<)			
S104	1-771-544-11	SWITCH, TACTILE(LEVEL)			
S105	1-771-544-11	SWITCH, TACTILE(SUR)			
S106	1-771-544-11	SWITCH, TACTILE(EQ)			
S107	1-771-544-11	SWITCH, TACTILE(SET UP)			
S108	1-771-544-11	SWITCH, TACTILE(CUSTOM)			
S109	1-771-544-11	SWITCH, TACTILE(TUNER)			
**********					
	1-675-091-11	MOTOR BOARD			
		**********			
		< CAPACITOR >			
C106	1-165-319-11	CERAMIC	0.1UF	0%	50V
		< CONNECTOR >			
CN112	1-506-481-11	PIN, CONNECTOR 2P			
**********					

PHONO PS

Ref. No.	Part No.	Description			Remarks
	1-676-564-11	PHONO BOARD			
		**********			
		< CAPACITOR >			
C1302	1-119-824-11	ELECT MELF	10uF	20%	50V
C1303	1-119-823-11	ELECT	4.7uF	20%	50V
C1304	1-128-832-11	ELECT	220uF	20%	10V
C1305	1-137-471-11	MYLAR	0.016uF	5%	50V
C1306	1-136-162-00	MYLAR	0.056uF	5%	50V
C1307	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C1308	1-119-799-11	ELECT	47uF	20%	25V
C1309	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C1310	1-137-471-11	MYLAR	0.016uF	5%	50V
C1311	1-136-162-00	MYLAR	0.056uF	5%	50V
C1312	1-128-832-11	ELECT	220uF	20%	10V
C1313	1-119-799-11	ELECT	47uF	20%	25V
C1314	1-163-125-00	CERAMIC CHIP	220PF	5%	50V
C1315	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C1316	1-119-823-11	ELECT	4.7uF	20%	50V
C1318	1-119-824-11	ELECT MELF	10uF	20%	50V
		< CONNECTOR >			
CN1301	1-770-381-11	CONNECTOR, BOARD TO BOARD 10P			
		< IC >			
IC1301	8-759-711-85	IC NJM4580E-D			
		< JACK >			
J1301	1-785-868-21	JACK, PIN 2P (PHONO)			
		< RESISTOR >			
R1301	1-259-987-11	CARBON MELF	220	2%	1/8W
R1302	1-259-983-11	CARBON MELF	100	2%	1/8W
R1303	1-259-984-11	CARBON MELF	120	2%	1/8W
R1304	1-259-996-11	CARBON MELF	1.2K	2%	1/8W
R1305	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R1306	1-260-017-11	CARBON MELF	56K	2%	1/8W
R1307	1-259-987-11	CARBON MELF	220	2%	1/8W
R1308	1-260-020-11	CARBON MELF	100K	2%	1/8W
R1309	1-260-020-11	CARBON MELF	100K	2%	1/8W
R1310	1-260-020-11	CARBON MELF	100K	2%	1/8W
R1311	1-259-987-11	CARBON MELF	220	2%	1/8W
R1312	1-260-020-11	CARBON MELF	100K	2%	1/8W
R1313	1-260-020-11	CARBON MELF	100K	2%	1/8W
R1314	1-260-004-11	CARBON MELF	4.7K	2%	1/8W
R1315	1-260-017-11	CARBON MELF	56K	2%	1/8W
R1316	1-260-020-11	CARBON MELF	100K	2%	1/8W
R1317	1-259-996-11	CARBON MELF	1.2K	2%	1/8W
R1318	1-259-984-11	CARBON MELF	120	2%	1/8W
R1319	1-259-983-11	CARBON MELF	100	2%	1/8W
R1322	1-259-987-11	CARBON MELF	220	2%	1/8W
**********					
	A-4426-477-A	PS BOARD, COMPLETE(US,CND,E,PX)			
		**********			

Ref. No.	Part No.	Description			Remarks
	A-4426-479-A	PS BOARD, COMPLETE(MY,SP,AUS,CH)			
		**********			
	7-685-872-09	SCREW +BVT	3X8 (S)		
	1-533-293-11	FUSE HOLDER			
		< CAPACITOR >			
C801	1-137-414-11	MYLAR	0.0047uF	10%	100V
C802	1-137-414-11	MYLAR	0.0047uF	10%	100V
C803	1-131-652-11	ELECT	18000uF	20%	71V
C804	1-131-652-11	ELECT	18000uF	20%	71V
C805	1-119-854-11	ELECT	100uF	20%	100V
C806	1-137-370-11	MYLAR	0.01uF	5%	50V
C807	1-137-370-11	MYLAR	0.01uF	5%	50V
C808	1-127-732-51	ELECT MELF	2200uF	20%	35V
C809	1-127-732-51	ELECT MELF	2200uF	20%	35V
C810	1-137-370-11	MYLAR	0.01uF	5%	50V
C811	1-137-370-11	MYLAR	0.01uF	5%	50V
C812	1-135-471-11	ELECT	13000uF	20%	16V
C813	1-127-723-51	ELECT MELF	4700uF	20%	16V
C814	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C815	1-128-556-11	ELECT	1000uF	20%	63V
C816	1-119-799-11	ELECT	47uF	20%	25V
C817	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C818	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C822	1-136-177-00	MYLAR	1uF	5%	50V
C823	1-135-471-11	ELECT	13000uF	20%	16V
		< CONNECTOR >			
CN801	1-785-105-11	PIN, CONNECTOR 7P			
CN802	1-785-107-11	PIN, CONNECTOR 9P			
CN804	1-564-506-11	PLUG (MICRO CONNECTOR) 5P			
CN805	1-691-772-11	PLUG (MICRO CONNECTOR) 10P			
CN806	1-785-102-11	PIN, CONNECTOR 4P			
		< DIODE >			
D801	8-719-302-38	DIODE RBV-602-01			
D802	8-719-302-38	DIODE RBV-602-01			
D803	8-719-016-74	DIODE 1SS352			
D804	8-719-053-18	DIODE 1SR154-400TE-25			
D805	8-719-053-18	DIODE 1SR154-400TE-25			
D807	8-719-025-03	DIODE RBA-402-SL			
D811	8-719-025-03	DIODE RBA-402-SL			
D812	8-719-053-18	DIODE 1SR154-400TE-25			
D813	8-719-053-18	DIODE 1SR154-400TE-25			
D814	8-719-053-18	DIODE 1SR154-400TE-25			
D815	8-719-053-18	DIODE 1SR154-400TE-25			
D816	8-719-070-30	DIODE PTZ-TE25-5.6A			
		< TERMINAL >			
EP802	1-537-770-21	TERMINAL BOARD, GROUND			
		< FUSE >			
⚠F801	1-533-312-11	FUSE, GLASS CYLINDRICAL(DIA.5)10A 125V			
⚠F802	1-533-312-11	FUSE, GLASS CYLINDRICAL(DIA.5)10A 125V			
⚠F803	1-532-503-51	FUSE, 1.6A 250V (MY,SP,AUS,E,PX,CH)			
⚠F803	1-533-614-11	FUSE, GLASS CYLINDERICAL 1.6A			125V (US,CND)
⚠F804	1-532-503-51	FUSE, 1.6A 250V(MY,SP,AUS,E,PX,CH)			

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和 ⚠ 标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

Ref. No.	Part No.	Description			Remarks
⚠F804	1-533-614-11	FUSE, GLASS CYLINDERICAL 1.6A			125V (US,CND)
⚠F805	1-532-465-51	FUSE, TIME LAG	3.15A		250V (MY,SP,AUS,E,PX,CH)
⚠F805	1-533-690-11	FUSE, GLASS CYLINDRICAL(DIA.5)	3.15A		125V (US,CND)
⚠F806	1-532-465-51	FUSE, TIME LAG	3.15A		250V (MY,SP,AUS,E,PX,CH)
⚠F806	1-533-690-11	FUSE, GLASS CYLINDRICAL(DIA.5)	3.15A		125V (US,CND)
		< TRANSISTOR >			
Q801	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q802	8-729-421-22	TRANSISTOR UN2211			
		< RESISTOR >			
R803	1-216-431-11	METAL OXIDE	560	5%	1W
R805	1-208-462-41	RES-CHIP	10K	2%	1/10W
⚠R806	1-212-942-00	FUSIBLE	2.2	5%	1/2W
⚠R807	1-212-942-00	FUSIBLE	2.2	5%	1/2W
R808	1-249-407-11	CARBON	150	5%	1/4W F
R809	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
R810	1-216-687-11	METAL CHIP	33K	0.5%	1/10W
		< RELAY >			
RY801	1-755-235-11	RELAY			
RY802	1-755-235-11	RELAY			
		< SWITCH >			
S801	1-692-196-11	SWITCH, SLIDE(IMPEDANCE SELECTOR)			
		<THERMISTOR >			
TH801	1-806-881-11	THERMISTOR 2.2(US,CND,E,PX)			
**********					
	A-4426-496-A	S VIDEO BOARD, COMPLETE			
		**********			
		< CAPACITOR >			
C5201	1-119-824-11	ELECT MELF	10uF	20%	50V
C5202	1-119-824-11	ELECT MELF	10uF	20%	50V
C5203	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5204	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5205	1-119-824-11	ELECT MELF	10uF	20%	50V
C5206	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5207	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5208	1-119-824-11	ELECT MELF	10uF	20%	50V
C5209	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5210	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C5211	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5212	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5214	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5216	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5218	1-119-824-11	ELECT MELF	10uF	20%	50V
C5219	1-127-718-91	ELECT MELF	100uF	20%	16V
C5220	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5221	1-127-718-91	ELECT MELF	100uF	20%	16V
C5222	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5223	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5224	1-127-718-91	ELECT MELF	100uF	20%	16V
C5225	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5226	1-127-718-91	ELECT MELF	100uF	20%	16V
C5227	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5228	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5229	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C5230	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C5231	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C5232	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C5233	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
		< CONNECTOR >			
CN5201	1-784-733-11	CONNECTOR, FFC 11P			
* CN5203	1-695-371-31	CONNECTOR, FFC 10P			
CN5204	1-691-767-11	PLUG (MICRO CONNECTOR) 5P			
		< IC >			
IC5201	8-759-536-24	IC NJM-2296M-TE2			
IC5202	8-759-536-24	IC NJM-2296M-TE2			
IC5203	8-759-032-59	IC MC74HC595AF			
		< JACK >			
J5201	1-779-800-11	TERMINAL, S (TV/SAT OUT)			
J5202	1-779-801-11	CONNECTOR (ROUND TYPE)(DVD/LD,VIDEO2)			
J5203	1-779-801-11	CONNECTOR (ROUND TYPE)(VIDEO1)			
J5204	1-779-801-11	CONNECTOR (ROUND TYPE)(MONITOR OUT)			
		< COIL >			
L5201	1-500-425-11	FERRITE 0uH			
L5202	1-500-425-11	FERRITE 0uH			
L5203	1-500-425-11	FERRITE 0uH			
L5204	1-500-425-11	FERRITE 0uH			
		< RESISTOR >			
R5201	1-208-755-11	RES-CHIP	75	2%	1/10W
R5202	1-208-755-11	RES-CHIP	75	2%	1/10W
R5203	1-208-755-11	RES-CHIP	75	2%	1/10W
R5204	1-208-755-11	RES-CHIP	75	2%	1/10W
R5205	1-208-755-11	RES-CHIP	75	2%	1/10W
R5206	1-208-755-11	RES-CHIP	75	2%	1/10W
R5207	1-208-755-11	RES-CHIP	75	2%	1/10W
R5208	1-208-755-11	RES-CHIP	75	2%	1/10W
R5209	1-208-755-11	RES-CHIP	75	2%	1/10W
R5210	1-208-755-11	RES-CHIP	75	2%	1/10W
R5211	1-208-755-11	RES-CHIP	75	2%	1/10W
R5212	1-208-755-11	RES-CHIP	75	2%	1/10W
R5213	1-208-755-11	RES-CHIP	75	2%	1/10W
R5214	1-208-755-11	RES-CHIP	75	2%	1/10W
R5215	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R5216	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R5217	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R5218	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
R5219	1-216-699-11	METAL CHIP	100K	0.5%	1/10W
**********					

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Replace only with part number specified.

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Ne les remplacer que par une pièce portant le numéro spécifié.

以阴影和⚠标志来识别的零部件，在安全方面具有关键性，因此只能以规定号码的零部件来更换。

SP SEL SP TM

Ref. No.	Part No.	Description			Remarks
	1-675-082-11	SP SEL BOARD			
		**********			
		< CAPACITOR >			
C111	1-126-926-11	ELECT	1000uF	20%	10V
C112	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C113	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C114	1-163-021-91	CERAMIC CHIP	0.01uF	10%	50V
C132	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
		< CONNECTOR >			
* CN117	1-568-946-11	PIN, CONNECTOR 8P			
		< DIODE >			
D103	8-719-075-86	DIODE SID307BRTP19			
D104	8-719-075-86	DIODE SID307BRTP19			
D105	8-719-075-86	DIODE SID307BRTP19			
D106	8-719-075-86	DIODE SID307BRTP19			
D107	8-719-059-14	DIODE SID313BP-TP19			
D108	8-719-820-05	DIODE 1SS181			
D109	8-719-820-05	DIODE 1SS181			
D110	8-719-820-05	DIODE 1SS181			
		< IC >			
IC106	8-759-242-70	IC TC7WU04F			
IC110	8-749-014-66	IC NJL64H400A			
		< TRANSISTOR >			
Q109	8-729-901-87	TRANSISTOR 2SC2411K-CQ			
Q110	8-729-901-87	TRANSISTOR 2SC2411K-CQ			
Q111	8-729-901-87	TRANSISTOR 2SC2411K-CQ			
		< RESISTOR >			
R134	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R135	1-216-134-00	METAL CHIP	2.2	5%	1/8W
R184	1-216-627-11	METAL CHIP	100	0.5%	1/10W
		< SWITCH >			
S116	1-762-875-21	SWITCH, KEYBOARD(I/⏻)			
S117	1-762-268-11	SWITCH, ROTARY(SPEAKER SELECTOR)			
**********					
	A-4426-469-A	SP TM BOARD, COMPLETE(US,CND,E,PX)			
		**********			
	A-4426-470-A	SP TM BOARD, COMPLETE(MY,SP,AUS,CH)			
		**********			
		< CAPACITOR >			
C1801	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C1802	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C1803	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C1804	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C1805	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C1806	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C4114	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4115	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4116	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C4164	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4165	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4166	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C4214	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4216	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C4314	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4316	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C4364	1-162-815-11	CERAMIC	47PF	5%	500V (MY,SP,AUS,CH)
C4366	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C4701	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C4702	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C4703	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C4751	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C4752	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
C4753	1-137-358-11	MYLAR	0.0001uF	5%	50V (MY,SP,AUS,CH)
		< CONNECTOR >			
CN4005	1-691-771-11	PLUG (MICRO CONNECTOR) 9P			
		< DIODE >			
D4401	8-719-016-74	DIODE 1SS352			
D4451	8-719-016-74	DIODE 1SS352			
D4501	8-719-016-74	DIODE 1SS352			
D4551	8-719-016-74	DIODE 1SS352			
D4601	8-719-016-74	DIODE 1SS352			
		< JACK >			
J1801	1-785-489-11	JACK, PIN 6P(5.1CH INPUT)			
J4701	1-785-296-11	JACK, PIN(PRE OUT)			
J4702	1-785-298-11	JACK, PIN 1P(SUB WOOFER)			
		< COIL >			
L4101	1-411-906-11	COIL, AIR-CORE			
L4151	1-411-906-11	COIL, AIR-CORE			
L4201	1-411-906-11	COIL, AIR-CORE			
L4301	1-411-906-11	COIL, AIR-CORE			
L4351	1-411-906-11	COIL, AIR-CORE			
		< TRANSISTOR >			
Q4401	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q4451	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q4501	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q4551	8-729-230-49	TRANSISTOR 2SC2712-YG			
Q4601	8-729-230-49	TRANSISTOR 2SC2712-YG			

Ref. No.	Part No.	Description				Remarks
		< RESISTOR >				
R1801	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R1802	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R1803	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R1804	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R1805	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R1806	1-259-995-11	CARBON MELF	1K	2%	1/8W	
R4121	1-249-389-11	CARBON	4.7	5%	1/4W	F
R4122	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4123	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4124	1-260-009-11	CARBON MELF	12K	2%	1/8W	
R4125	1-260-009-11	CARBON MELF	12K	2%	1/8W	
R4171	1-249-389-11	CARBON	4.7	5%	1/4W	F
R4172	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4173	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4174	1-260-009-11	CARBON MELF	12K	2%	1/8W	
R4175	1-260-009-11	CARBON MELF	12K	2%	1/8W	
R4221	1-249-389-11	CARBON	4.7	5%	1/4W	F
R4222	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4321	1-249-389-11	CARBON	4.7	5%	1/4W	F
R4322	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4371	1-249-389-11	CARBON	4.7	5%	1/4W	F
R4372	1-249-393-11	CARBON	10	5%	1/4W	F
					(MY,SP,AUS,CH)	
R4401	1-215-869-11	METAL OXIDE	1K	5%	1W	
R4402	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R4403	1-208-462-41	RES-CHIP	10K	2%	1/10W	
R4451	1-215-869-11	METAL OXIDE	1K	5%	1W	
R4452	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R4453	1-208-462-41	RES-CHIP	10K	2%	1/10W	
R4501	1-215-869-11	METAL OXIDE	1K	5%	1W	
R4502	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R4503	1-208-462-41	RES-CHIP	10K	2%	1/10W	
R4551	1-249-422-11	CARBON	2.7K	5%	1/4W	F
R4552	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R4553	1-208-462-41	RES-CHIP	10K	2%	1/10W	
R4601	1-215-869-11	METAL OXIDE	1K	5%	1W	
R4602	1-208-453-41	RES-CHIP	4.7K	2%	1/10W	
R4603	1-208-462-41	RES-CHIP	10K	2%	1/10W	
R4705	1-260-012-11	CARBON MELF	22K	2%	1/8W	
R4707	1-260-014-11	CARBON MELF	33K	2%	1/8W	
R4708	1-260-014-11	CARBON MELF	33K	2%	1/8W	
R4709	1-259-999-11	CARBON MELF	2.2K	2%	1/8W	
R4710	1-259-999-11	CARBON MELF	2.2K	2%	1/8W	
R4711	1-259-999-11	CARBON MELF	2.2K	2%	1/8W	
R4751	1-260-012-11	CARBON MELF	22K	2%	1/8W	
R4757	1-260-014-11	CARBON MELF	33K	2%	1/8W	
R4758	1-260-014-11	CARBON MELF	33K	2%	1/8W	
R4759	1-259-999-11	CARBON MELF	2.2K	2%	1/8W	
R4760	1-259-999-11	CARBON MELF	2.2K	2%	1/8W	
R4761	1-259-999-11	CARBON MELF	2.2K	2%	1/8W	

Ref. No.	Part No.	Description				Remarks
		< RELAY >				
RY4401	1-515-920-11	RELAY (24V)				
RY4451	1-515-920-11	RELAY (24V)				
RY4501	1-515-920-11	RELAY (24V)				
RY4551	1-755-295-11	RELAY				
RY4601	1-515-920-11	RELAY (24V)				
		< TERMINAL >				
TM4401	1-694-430-21	TERMINAL BOARD (SP)(SPEAKERS FRONT)				
TM4501	1-694-431-21	TERMINAL BOARD (SP)				
					(SPEAKERS REAR/CENTER)	
**********						
	1-675-095-11	VIDEO 3 BOARD				
		**********				
		< CAPACITOR >				
C103	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C104	1-163-251-11	CERAMIC CHIP	100PF	5%	50V	
C141	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V	
C142	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V	
		< CONNECTOR >				
CN108	1-568-826-11	CONNECTOR, FFC 7P				
* CN120	1-564-719-11	PIN, CONNECTOR (SMALL TYPE) 3P				
		< TERMINAL >				
EB101	1-537-770-21	TERMINAL BOARD, GROUND				
		< JACK >				
J101	1-793-643-11	JACK, PIN (BLOCK) (L TYPE) 3P(VIDEO/AUDIO)				
J102	1-784-808-11	TERMINAL, S(S VIDEO)				
		< RESISTOR >				
R102	1-208-755-11	RES-CHIP	75	2%	1/10W	
R103	1-208-755-11	RES-CHIP	75	2%	1/10W	
R104	1-208-755-11	RES-CHIP	75	2%	1/10W	
R106	1-216-627-11	METAL CHIP	100	0.5%	1/10W	
R108	1-216-627-11	METAL CHIP	100	0.5%	1/10W	
**********						
	1-675-077-11	VOL SEL BOARD(E,PX)				
		**********				
		< CONNECTOR >				
CNP905	1-568-106-11	PIN, CONNECTOR 4P(E,PX)				
		< SWITCH >				
⚠S901	1-571-437-11	SWITCH, POWER VOLTAGE CHANGE				
					(VOLTAGE SELECTOR)(E,PX)	
**********						

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VOLUME

Ref. No.	Part No.	Description			Remarks
	1-675-081-11	VOLUME BOARD			
		**********			
		< CAPACITOR >			
C3101	1-165-319-11	CERAMIC CHIP	0.1uF	0%	50V
C3111	1-128-860-11	ELECT	47uF	20%	50V
C3112	1-128-860-11	ELECT	47uF	20%	50V
C3113	1-128-860-11	ELECT	47uF	20%	50V
C3114	1-128-860-11	ELECT	47uF	20%	50V
C3115	1-128-860-11	ELECT	47uF	20%	50V
C3116	1-128-860-11	ELECT	47uF	20%	50V
		< CONNECTOR >			
CN3201	1-691-766-11	PLUG (MICRO CONNECTOR) 4P			
CN3202	1-691-765-11	PLUG (MICRO CONNECTOR) 3P			
CN3203	1-691-765-21	PLUG (MICRO CONNECTOR) 3P			
		< IC >			
IC4102	8-759-447-30	IC NJM2114M-TE2			
IC4202	8-759-447-30	IC NJM2114M-TE2			
IC4302	8-759-447-30	IC NJM2114M-TE2			
		< RESISTOR >			
R4130	1-260-026-11	CARBON MELF	330K	2%	1/8W
R4131	1-259-991-11	CARBON MELF	470	2%	1/8W
R4132	1-259-926-11	CARBON MELF	2K	2%	1/8W
R4133	1-259-983-11	CARBON MELF	100	2%	1/8W
R4180	1-260-026-11	CARBON MELF	330K	2%	1/8W
R4181	1-259-991-11	CARBON MELF	470	2%	1/8W
R4182	1-259-926-11	CARBON MELF	2K	2%	1/8W
R4183	1-259-983-11	CARBON MELF	100	2%	1/8W
R4230	1-260-026-11	CARBON MELF	330K	2%	1/8W
R4231	1-259-989-11	CARBON MELF	330	2%	1/8W
R4232	1-259-931-11	CARBON MELF	5.1K	2%	1/8W
R4233	1-259-983-11	CARBON MELF	100	2%	1/8W
R4280	1-260-026-11	CARBON MELF	330K	2%	1/8W
R4281	1-259-986-11	CARBON MELF	180	2%	1/8W
R4282	1-259-931-11	CARBON MELF	5.1K	2%	1/8W
R4283	1-259-983-11	CARBON MELF	100	2%	1/8W
R4330	1-260-026-11	CARBON MELF	330K	2%	1/8W
R4331	1-259-989-11	CARBON MELF	330	2%	1/8W
R4332	1-259-931-11	CARBON MELF	5.1K	2%	1/8W
R4333	1-259-983-11	CARBON MELF	100	2%	1/8W
R4380	1-260-026-11	CARBON MELF	330K	2%	1/8W
R4381	1-259-989-11	CARBON MELF	330	2%	1/8W
R4382	1-259-931-11	CARBON MELF	5.1K	2%	1/8W
R4383	1-259-983-11	CARBON MELF	100	2%	1/8W
		< VARIABLE RESISTOR >			
RV3101	1-225-887-11	RES, VAR, CARBON 30KX6(MASTER VOLUME)			

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		MISCELLANEOUS			
		**********			
61	1-773-279-11	WIRE (FLAT TYPE) (29 CORE)			
104	1-791-939-11	CABLE, FLEXIBLE FLAT (5P)			
129	1-791-938-11	CABLE, FLEXIBLE FLAT (31P)			
137	1-765-314-11	WIRE (FLAT TYPE) (7 CORE)			
158	1-769-969-11	WIRE (FLAT TYPE) (13 CORE)			
159	1-792-174-11	CABLE, FLEXIBLE FLAT (15P)			
163	1-769-937-11	WIRE (FLAT TYPE) (11 CORE)			
165	1-792-216-11	WIRE (FLAT TYPE) (10 CORE)			
⚠167	1-559-479-11	CORD, POWER(US,CND)			
⚠167	1-776-095-11	CORD, POWER(MY,SP,AUS,E,PX)			
⚠167	1-782-464-21	CORD, POWER(CH)			
172	1-773-002-11	WIRE (FLAT TYPE) (15 CORE)			
⚠173	1-569-008-21	ADAPTOR, CONVERSION 2P(E,PX)			
FL101	1-517-781-21	INDICATOR TUBE, FLUORESCENT			
FL102	1-517-905-11	INDICATOR TUBE, FLUORESCENT			
⚠T901	1-435-094-11	TRANSFORMER, POWER(US)			
⚠T901	1-435-095-11	TRANSFORMER, POWER(E,PX)			
⚠T901	1-435-096-11	TRANSFORMER, POWER(MY,SP,AUS,CH)			
⚠T901	1-435-251-11	TRANSFORMER, POWER(CND)			
TM1401	1-693-407-23	TUNER(US,CND,E,PX)			
TM1401	1-693-409-23	TUNER(MY,SP,AUS,CH)			

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		ACCESSORIES & PACKING MATERIALS
		**********
	1-418-606-11	REMOTE COMMANDER(RM-TP503)
	1-501-374-11	ANTENNA, LOOP
	1-501-594-11	ANTENNA (FM)(MY,SP,AUS,CH)
	1-776-258-11	CORD, AVC CONNECTION(US,CND)
	1-777-172-11	CORD, CONNECTION(US,CND)
	1-793-184-21	CONNECTOR (F TYPE ADAPTOR)(US,CND,E,PX)
	3-866-967-11	MANUAL, INSTRUCTION(ENGLISH)(US,CND)
	3-866-967-21	MANUAL, INSTRUCTION(FRENCH)(CND)
	3-866-967-31	MANUAL, INSTRUCTION(ENGLISH/CHINESE)(CH)
	3-866-967-71	MANUAL, INSTRUCTION(ENGLISH/FRENCH/SPANISH/CHINESE)(MY,SP,AUS,E,PX)
	3-867-704-11	MANUAL (RM-TP503), INSTRUCTION (ENGLISH/FRENCH/SPANISH/PORTUGUESE)
	3-867-704-21	MANUAL (RM-TP503), INSTRUCTION (CHINESE)(MY,SP,AUS,CH)
	4-997-648-11	COVER, BATTERY(FOR RM-TP503)

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		HARDWARE LIST	
		**********	
#1	7-685-872-09	SCREW +BVTT	3X8 (S)
#2	7-685-649-79	SCREW +BVTP	3X14 TYPE2 N-S
#3	7-682-547-09	SCREW +B 3X6	
#4	7-621-775-00	SCREW +B 2.6X3	
#5	7-685-871-09	SCREW +BVTT	3X6 (S)
#6	7-682-575-04	SCREW +P 5X10	
#7	7-685-885-09	SCREW +BVTT	4X16 (S)
#8	7-685-861-01	SCREW +BVTT 2.6X5 (S)	
#9	7-685-134-19	SCREW +P 2.6X8	TYPE2 NON-SLIT
#10	7-685-548-19	SCREW +BTP	3X12 TYPE2 N-S

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